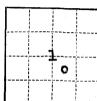
Scout Report sent out	E 2
Noted in the NID File	
Location map pinned	TV
Approval or Disapproval Letter	The state of the s
Pate Completed, P. & A. or operations suspended	
Pin changed on location map	П
Affidavit and Record of A & P	П
Watter Shut-Off Test	
Gas-Oil Ratio Test	
Well Log Filed	. п

FILE NOTATIONS Entered in NID File Checked by Chief Emenad Ca 5 R Sheef Copy NID to Field Office Lacrison Mad Printed Approved Leiter Care ar and Disapproval Lefter IW 2 to The or her Land 1 - ASKO VENEZANIO And Work Completed Location Inspected CV V WW TA Bond released ... State of Fee Land GW: CS PA LOGS FILED Electric Logs (No.)1 GRN GRN Others Invested To Water

59.4.

g	Budget Bureau No. 42–R3 Approval expires 12–31–60.
•	

(SUBMIT IN TRIPLICATE)



UNITED STATES DEPARTMENT OF THE INTERIOR **GEOLOGICAL SURVEY**

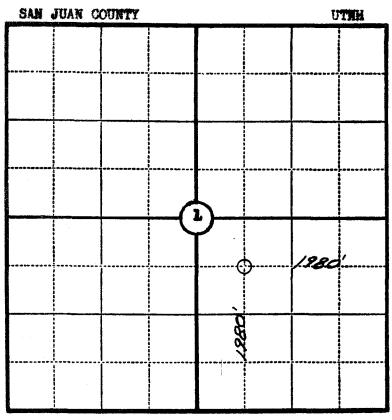
Indian Agency
Navajo
Allottee
Lease No. 11-20-603-4039

NOTICE OF INTENTION TO DRILL NOTICE OF INTENTION TO CHANGE NOTICE OF INTENTION TO REDRILL NOTICE OF INTENTION TO SHOOT O NOTICE OF INTENTION TO PULL OF NOTICE OF INTENTION TO ABANDO	E PLANS ATER SHUT-OFF L OR REPAIR WELL OR ACIDIZE R ALTER CASING		SUBSEQUENT R SUBSEQUENT R SUBSEQUENT R SUBSEQUENT R SUPPLEMENTAR	Y WELL HISTORY	NG
(INDIC	CATE ABOVE BY CHECK I	MARK NATU	JRE OF REPORT,	NOTICE, OR OTHER DATA)	
Navajo Tract 13 Well No3 is lo		. from		0, 1958 	
Well No3 is lo	ocated 1980 ft	,	$\begin{bmatrix} \mathbf{N} \\ \mathbf{S} \end{bmatrix}$ line and	1980 ft. from $\{E\}$ line	
Well No. 3 is lo	ocated 1980 ft	241 (Ra	$\left\{\begin{array}{c} N \\ S \end{array}\right\}$ line and	1980 ft. from $\{E\}$ line	
Well No. 3 is lo	ocated 1980 ft his (Twp.) San	24 (Ra Juan	$\left\{\begin{array}{c} N \\ S \end{array}\right\}$ line and	1980 ft. from $\{E\}$ line	e of sec. 1
Well No. 3 is long to see No.) McElmo Creek	ocated 1980 ft his (Twp.) San (Cock floor above see	244 (Ra Juan Juan ounty or Su a level i	S line and	1980 ft. from {E SLM (Meridian) Utah (State or Terr.	e of sec. 1

21# smls casing cemented to the surface. Oil String: Required amount of 52 0D 15.5# & 14# smls casing cemented with required amount of cement. Drill Stem Tests: All oil and gas shows will be tested. Mud Program: Conventional and/or gyp or salt base mud as required. Logs: Electric logs etc will be run before setting casing or abandonment. Stimulation treatments such as acidizing or hydraulic fracturing may be employed in completion.

y be commenced.
L. FARRIS
s man

Company THE CARTER OIL COMPANY
Lease NAVAJO TRACT # 13 Well No3
Sec1, T41.S, R24.E., S.L.M
Location 1980 FEET FROM THE SOUTH LINE & 1980 FEET FROM THE EAST LINE
Florestian AST7 01



Scale-4 inches equal 1 mile.

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

Seal:

Registered Land Surveyor.

James P. Leese Utah Reg. No. 1472

Surveyed 28 May , 19 58

/ </

TOTAL ACCUMULATED INTEREST TATE UTABL GENERAL PRIVATE TATE UTABL COUNTY SAN JURN SIC 1 415 n 245 none THE CARTER DIL Co. NAVATO Tract 3 # 3 TEIRS TEIRS TEIRS SUPERIOR TEIRS SUPERIOR TEIRS Continuental TEIRS PHILLIPS TEIRS CONTINUENTAL TEIRS CONTINUENTAL TEIRS CONTINUENTAL TEIRS PHILLIPS TEIRS CONTINUENTAL TEIRS CONTINUENTAL TEIRS PHILLIPS TEIRS TEIRS CONTINUENTAL TEIRS T	DIV NO		BLG	OCK NAME			LEASE 1	10			
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1	Tota Tota Dep Date (Ma.									e e e	
hen used as 1/4" Section Scale, 1" = 400' Plat made by											
hen used as Section Scale, 1" = 800' L2" Base Map Date											

Block Map

Place check mark after scale used.

(Pend.) Date ______ Date____

Block Map Tr. (Pend.) Date (Comp.) Date

June 2, 1958

Carter Oil Company P. C. Box 3082 Durango, Colorado

Attention: H. L. Farris, District Foremen

Contlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Navajo Tract 13-3, which is to be located 1980 feet from the south line and 1980 feet from the east line of Section 1, Township 41 South, Range 24 Mast, SIRM, San Juan County, Utah.

Please be advised that insofar as this office is concerned, approved to drill said well is hereby granted.

This approval terminates within 90 days if the above mentioned well is not spudded in within said period.

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT SPCRETARY

CBF:on

co: Phil McGrath

USGS, Farmington,

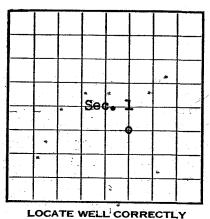
New Mexico

(SUBMIT IN TRIPLICATE)

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

	Approval expires 12-31-60.
Indian	Agency
	Navajo
Allottee	
	14-20-603-4039

	SUNDRY	NOTICES	ANI	REPOR	RTS ON	WELLS	
NOTICE OF IN	ITENTION TO DRILL	•••		SUBSEQUENT REP	ORT OF WATER	SHUT-OFF	
NOTICE OF IN	TENTION TO CHANGE PI	ANS	x	SUBSEQUENT REPO	ORT OF SHOOT!	G OR ACIDIZING	
NOTICE OF IN	TENTION TO TEST WATE	R SHUT-OFF		SUBSEQUENT REPO	ORT OF ALTERIN	IG CASING	
NOTICE OF IN	TENTION TO REDRILL O	R REPAIR WELL		SUBSEQUENT REPO	ORT OF REDRIL	ING OR REPAIR	
NOTICE OF IN	TENTION TO SHOOT OR	ACIDIZE		SUBSEQUENT REPO	ORT OF ABANDO	NMENT	
NOTICE OF IN	TENTION TO PULL OR A	LTER CASING		SUPPLEMENTARY	WELL HISTORY		
NOTICE OF IN	ITENTION TO ABANDON	WELL.					
			<u></u> -				
	(INDICATI	E ABOVE BY CHECK MA	NRK NATU	ire of report, no	TICE, OR OTHER	DATA)	
					June 3,	1958	19
Nav	ajo Tract 13						
Well No	is loc	ated 1980 ft.	from	$\begin{cases} \\ \\ \\ \\ \end{cases}$ line and $\begin{bmatrix} \\ \\ \\ \end{bmatrix}$	1980 ft. fro	om $\left\{\begin{array}{c} E \\ \mathbf{w} \end{array}\right\}$ line of sec	:
NW SE	Section 1	418	2	LE	SLM		
(1/4 Sec.	and Sec. No.)	(Twp.)	(Ra	nge)	(Meridian)	****	
McElmo	Creek	San	Juan			Utah	
	(Field)		nty or Su	bdivision)		(State or Territory)	
	and expected depths to t permission						
from W	ell #3 to read	l Well #2.				1	
	•						
I understand	that this plan of work	must receive approva	l in writi	ng by the Geologic	al Survey before	operations may be con	nmenced.
Company	The Carter (oil Company					
Joinpany	The Carter (Production 1	Department					. ru
Address	DOX 3002				entil Ingic	INAL) B. M. BRAI	jlłt
	Durango, Col	orado	-		Will Sig	HED Jus Has man	
				Ву			
	· · · · · · · · · · · · · · · · · · ·			Ду		B M Bradley	
				Title	MSTr:	ict Superinter	ident



OIL & GAS CONSERVATION COMMISSION

State Capitol Building Salt Lake City 14, Utah

To be kept Confidential until ______ (Not to exceed 4 months after filing date)

LOG OF OIL OR GAS WELL

Opera	от Пиол	Navajo Tra	ect 13		тэ: т. М	cElmo	e	Utah	The second second
						M Coi			
Locati	on 1980	ft. Nof . S	Line a	_{nd} 1980 _f	$\mathbf{t}. \begin{bmatrix} \mathbf{x} \\ \mathbf{W} \end{bmatrix} $ of \mathbf{E}	Line of Secti	on l	Eleva	tion 4538
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		determined fi		ailable re	ecords.	3 m (2	75	11.	가 많이 많아 유럽하다. 기계
	 		. .		Signed		Mar	ary.	
		ember 9, 19				Title Di	st. Su	ot•/	
			-			at above date.		•	
Comm	enced dril	ling June 2	<u>.</u>	1	958 Finishe	ed drilling Jur	ie 29,		, ₁₉ 58
	en Majako (1967) Kongresi		al a company		i	R ZONES CO	1		_
		2		* (Denote gas by G)		Reserved to the		
No. 1,	from	5341'	. to	53721 🐃	No. 4.	from		to	4 1 To 18 1
		the state of the s					S 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
No. 2	from	53821	to .	54141	No 5	from		ta *	· · · · · · · · · · · · · · · · · · ·
No. 2,	from	5382 1 5438	_ to,-=	54141 55041	No. 5	from		to *	y
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No. 1, No. 2,	from from Weight per foot 63#	Threads per inch Spiral 18-R	toto	55041 MPORT CAS Amount 72 1189	No. 5, No. 6, ANT WATER No. 3, No. 4, SING RECOR Kind of shoe None Baker	from SANDS from from Cut and pulled from	Perform— 5341 5382	to	Purpose Production
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No. 1, No. 2,	from from Weight per foot 63# 32.75	Threads per inch Spiral 8-R 8-R	to	CAS Amount 72 1189 1695	No. 5, No. 6, ANT WATER No. 3, No. 4, SING RECOR Kind of shoe None Baker Baker	from SANDS from from Cut and pulled from	Perform— 5341 5382	to	Purpose Production
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No. 1, No. 2,	from from Weight per foot 63# 32.75	Threads per inch Spiral 8-R 8-R 8-R	to	CAS Amount 72 1189 1695 3915	No. 5, No. 6, ANT WATER No. 3, No. 4, SING RECOR Kind of shoe None Baker Baker Baker	from SANDS from from D Cut and pulled from	Perform 5341 5382 5438	to	Purpose Producti Producti Producti
No. 1, No. 2, Size casing	from from Weight per foot 63# 1 32.75 23 20	Threads per inch Spiral Ser 8-R 8-R Numb	to to to Make Weld H-4:0 J-55 J-55 MUDD er sacks of ce	CAS Amount 72 1189 1695 3915 DING AN	No. 5, No. 6, No. 6, ANT WATER No. 3, No. 4, SING RECOR Kind of shoe None Baker Baker Baker Baker Baker Baker	from SANDS from from D Cut and pulled from NG RECORD	Perform 5341 5382 5438	orated To 5372 51114 5504	Purpose Producti Producti Producti
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Heaving pl	ug—Material		Length		Dep	th set
Adapters-	Material		. Size			
		SHe	OOTING	RECORD	•	·
Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
			E .		1	
			1		1	
Rotary tool	ls were used fro	m Surface fee	t to 558	eet feet	, and from	feet to fee
Cable tools	were used from	None fee				feet to fee
Septe	mber 8,	, ₁₉ <u>58</u>	DATE		lucing July	11, 19 58
		ne first 24 hours was		-	•	100 % was oil; - %
If gas v	well, cu. ft. per	24 hours				1. ft. of gas
		r sq. in			EST. GOR: 6	·
		-	EMPLOY	EES		
		, Driller				, Driller
		, Driller	•			, Driller
		FOR	MATION	RECORD	•	
FROM-	то-	TOTAL FEI	e r		FORMAT	ION
0:	5691	5691	S	n Rafol	Grown Totan	hadded med condeten

FROM-	то	TOTAL FEET	FORMATION
01	5691	5691	San Rafel Group: Interbedded red sandstones and red shales.
569	1280	711	Glen Canyon Group: Red sandstones.
1280	2405	1125	Cutler: Predominantly red shale with thin streaks sandstone, much anhydrite in lower port
2405	2458	53	Dechelly: Red shale with thin streaks sandstone
2458	2593	135	Organ Rock: Shale
2593	4376	1783	Hermosa: Upper 2/3 interbedded gray and brown shales and dense limestone. Lower 1/3 dense light gray limestone locally cherty.
4376	5176	800	"A-2": Limestone, gray, dense, locally cherty, locally fossiliferous.
5176	5332	156	Paradox: Limestone and dolomite interbedded wit traces anhydrite and black shale.
5332	5580	248	Salta

[OVER]

At the end of complete Driller's Log. add Geologic Tops. State whether from Electric Logs or samples.

HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or hailing.

CORES: '

#1 5350-88' - Rec. 38'

#2 5388-5441 " 531

#3 5141-961 " 51.1

#4 5496-5531 " 351

#5 5531-401 " 7:

NO DRILL STEM TESTS TAKEN

COMPLETION DATA:

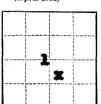
PBTD 5516' from 5580'. Perforated 5524-32' with four shots per foot. Packer set @ 5460', tail pipe @ 5531'. Spetted 250 gallons MCA across perforations. Swab tubing to 3000', flowed back load oil and acid water. Flowed on test two hours for 115 barrels oil through 1" choke with 150# T. P., grindout 14% to 18% emulsion. On test seven hours through 3/8" choke, flowed 172 bbls. oil. Killed well with completion fluid. Ran wire line junk basket to 5530', set C. I. bridge plug @ 5516'. Perforated 5438-5504' with four shots per foot. Packer set @ 5388' and tail pipe @ 5507'. Spotted 500 gallons MCA across perforations. Flowed back load oil and acid water. Tested three hours through 3/8" choke for 82 barrels oil. Treated perforations with 14,400 gallons regular acid (15%) and 400 gallons fix-a-frac. Swabbed to kick well off. Flowed to pit to clean up load oil and acid water. Flowed on test seven hours through 3/8" choke for 217 barrels oil.

Set C. I. bridge plug @ 5h2h!, perforated 5382-5hlh! with four shots per foot. Set packer @ 536h! and tail pipe @ 5h1l!. Spotted 250 gallons MCA across perforations. Swabbed out MCA, treated perforations two hours, no recovery. Treated with 1200 gallons regular 15% acid, flushed with 28 bbls. oil. Four hour test, recovered 125 bbls. oil through 3/8" choke. Treated perforations with 400 gallons fix-a-frac plus 2400 gallons regular 15% acid with surfactant. Overflush with 20 barrels oil. Flowed two hours for 132 barrels oil. Killed well, drilled out bridge plug @ 5424! and pushed to 5513!.

Set C. I. bridge plug @ 5377'. Perforated 5341-72' with four shots per foot. Set packer @ 5316', acidized with 250 gallons MCA, flushed with 30 barrels oil. Swab to pit two hours, no show of oil. Acidized with 1250 gallons regular 15% acid, flushed with 32 barrels oil. Flow on test two hours on 3/8" choke for 108 barrels oil. T. P. 400#. Acidized with 1250 gallons regular 15% acid, overflushed with 20 barrels lease crude. Flowed on test three hours through 3/8" choke for 135 barrels oil. T. P. 400#.

Drilled out bridge plug @ 5377! and drove to 5511! Completed as oil well on 7-12-58. Flowed on test five hours through 1/8" choke @ rate of 960 b.o.p.d. T. P. 560# and C. P. 25#. PBTD 5511!, perforations 5341-72!, 5382-5414! and 5438-5504!, in Paradox formation.

Form 9-331 b (April 1952)



(SUBMIT IN TRIPLICATE)

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

Indian	Budget Bureau No. 42–R359.4. Approval expires 12–31–60.
Allotte	. 11-20-603-h039
Lanca	No.

SUNDRY	NOTICES AND	REPORTS ON WE	ELLS
NOTICE OF INTENTION TO DRILL	S	JBSEQUENT REPORT OF WATER SHUT-OF	F
NOTICE OF INTENTION TO CHANGE PL	i II	JBSEQUENT REPORT OF SHOOTING OR A	
NOTICE OF INTENTION TO TEST WATE	(')]	JBSEQUENT REPORT OF ALTERING CASIN	
NOTICE OF INTENTION TO REDRILL O	R REPAIR WELL S	UBSEQUENT REPORT OF REDRILLING OR	REPAIR
NOTICE OF INTENTION TO SHOOT OR	! !!	JBSEQUENT REPORT OF ABANDONMENT	}
NOTICE OF INTENTION TO PULL OR A	LTER CASINGS	JPPLEMENTARY WELL HISTORY.	
NOTICE OF INTENTION TO ABANDON N	NELL	lasing Record	
(INDICATE	E ABOVE BY CHECK MARK NATURE	OF REPORT, NOTICE, OR OTHER DATA)	
		April 9,	, 19 59
Navajo Tract 1 Well No. 2 is local NW SE Section 1	ated 1980 ft. from S) 	line of sec.
(¼ Sec. and Sec. No.)	(Twp.) (Range	(Meridian)	
McElmo Creek	San Juan	ı Uta	h
(Field)	(County or Subdi	vision) (State of	or Territory)
	ing points, and all other im		
Set 16" cesing 6 82"	esmented with 12	sacks cement.	
Set 10-3/4" casing @	1199', cemented w	ith 1100 sacks cement.	
Set 7" casing @ 5578	t. ommented with 3	S spoks opport.	
000 1 000000 0 2210			
I understand that this plan of work	must receive approval in writing	by the Geological Survey before operati	ions may be commenced.
Company The Carter O	11 Company		
Address Box 3082			
Durango, Col	orado	By COPY (ORIGINAL)	B. M. BRADLEY
_ ·		Title Dist. Sur	



X



(SUBMIT IN TRIPLICATE)

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Budget Bureau No. 42-R359.4.

Ap	Nevajo
Indian Age	oncy

UNITED STATES DEPARTMENT OF THE INTERIOR **GEOLOGICAL SURVEY**

Allottee
11,-20-603-4035
Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	 SUBSEQUENT REPORT OF WATER SHUT-OFF.
NOTICE OF INTENTION TO CHANGE PLANS	 SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.	SUBSEQUENT REPORT OF ALTERING CASING
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL	 SUBSEQUENT REPORT OF REDRILLING OR REPAIR
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	 SUBSEQUENT REPORT OF ABANDONMENT
NOTICE OF INTENTION TO PULL OR ALTER CASING.	 SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL.	

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

		April 9,	19 59
Neve to Tract 13 Well No. 2 is located	1980 ft. from \[\bigsim \] line a	and 1980 ft. from E line of sec.	1
NW SP Section 1	las the	SIM	
(¼ Sec. and Sec. No.)	(Twp.) (Range)	(Meridian)	
McElmo Creek	Sen Juan	Utah	
(Field)	(County or Subdivision)	(State or Territory)	

The elevation of the derrick floor above sea level is 4538 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

PBTD 5549'. Perf. 5524-32' w/4 shots/ft., spotted 250 gal. MCA scross perf., swab back, flowed on test 2 hro. for 115 b.o. Killed well, set bridge plug @ 5516*. Perf. 5438-5504' m/4 shots/ft., spotted 500 gal. MCA across perf., flowed back load oil and acid water. Treated perf. w/li, 100 gal. reg. 15% acid and 100 gal. Fix-e-frac. Swab to kick well off, flowed on test 7 hrs. for 217 b.o. Killed well, set bridge plug @ 5424', perf. 5332-Shill w/h shots/rt., spotted 250 gal. MCA neross perf., swabbed out MCA. Treated perf. w/1200 gal. reg. 15% acid, flushed w/25 bbl. oil. On test h hrs. rec. 125 b.o., treated perf. w/400 gal. Fix-a-frac plus 2400 gal. reg. 15% acid w/surfactant. Flowed 2 hrs. for 132 b.c. Brilled out plug @ 5424', drove to 5513'. Set plug @ 5377', perf. 5341-72' w/4 shots/ft., scidised w/250 gal. MCA, swab to pit, no show of cile Acidised w/1250 gal. reg. 15% acid, flowed on test 2 hrs. for 108 b.o., acidised w/1250 gal. reg. 15% acid, flowed on test 3 hrs. for 135 b.o. Drilled out plug @ 5377', dreve to 5511'. Completed as oil well on 7-12-58, flowed on 5 hr. test at rate of 960 b.o.p.d. Perforations 5521... 21 closed off. approval in writing by the Geological Survey before operations may be commenced.

Company	The Carter 011 Company	**********	
Address	Pezz 3082		
	Durango, Colorado	Ву	COPY (ORIGINAL) B. M. BRADLEY
\sim		Title	Dist. Supt.





P. O. Box 3082 Durango, Colorado April 10, 1959

Mr. Cleon B. Feight State of Utah Oil and Gas Conservation Committee 310 Newhouse Building Salt Lake City 11, Utah

Dear Sirs

Attached are Sundry Notices and Reports on Wells for The Carter Oil Company's Navajo Tract 13 Well No. 2. As this well offsets open Navajo acreage that will be up for sale in the future we respectfully request that you hold this information confidential for the maximum period of time.

Yours very truly,

B. M. Bradley

By: Chas C Do

BMB(CCJ)jml

Attachments

Form 9-331 (May 1963)

ED STATES SUBMIT IN TO NATE OF THE PARTY OF

Form approved. Budget Bureau No. 42-R1424.

DEPAR	TMENT OF THE INTERIOR GEOLOGICAL SURVEY	OR (Other instruction of re-	5. LEASE DESIGNATION AT Navajo Tract	: 113
(Do not use this form for pror	OTICES AND REPORTS O	ck to a different reservoir.	6. IF INDIAN, ALLOTTEE O	
OIL GAS WELL OTHER			7. UNIT AGREEMENT NAM McElmo Creek	
2. NAME OF OPERATOR The Superior Oil Compa	any Kumple		8. FARM OR LEASE NAME	
3. ADDRESS OF OPERATOR P. O. Drawer 'G', Con 4. LOCATION OF WELL (Report location		tate requirements.*	9. WELL NO. H-15 10. FIELD AND POOL, OR	WILDCAT
See also space 17 below.) At surface NW SE Section 1, T418 San Juan County, Utal	6, R24E	•	McBlmo Creek 11. SEC., T., R., M., OR BL SURVEY OR AREA	
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, 1	RT, GR, etc.)	NW SE Sec 1-4 12. COUNTY OR PARISH San Juan	
16. Check A	Appropriate Box To Indicate No	·	Other Data	
TEST WATER SHUT-OFF FRACTURE TREAT SHOOT OR ACIDIZE REPAIR WELL (Other) Squeeze & Rei	PULL OR ALTER CASING MULTIPLE COMPLETE ABANDON* CHANGE PLANS	WATER SHUT-OFF FRACTURE TREATMENT SHOOTING OR ACIDIZING (Other) (Note: Report results	REPAIRING WE ALTERING CAS ABANDONMENT s of multiple completion of	r*
17. DESCRIBE PROPOSED OR COMPLETED Of proposed work. If well is direct nent to this work.)* Will squeeze entire	,	details, and give pertinent dates one and measured and true vertice 1-72, 5382-5414, 54	, including estimated date cal depths for all markers	of starting any
1	सामा प्राप्ताच्याच्या च्याच्याच्या च प ्र ३ व्याच्या च्या			

8. I hereby certify that the foregoing is true and correct			
SIGNED C Thaller for	TITLE _	Production Engineer	DATE May 6, 1964
(This space for Federal or State office use)			
APPROVED BYCONDITIONS OF APPROVAL, IF ANY:	TITLE _		DATE



lapy the ITED STATES

SUBMIT IN TALLICATE*
(Other instructions on re-

		Form a Budget	pprov Bure	ed. 1u N	o. 42 –	R1424	Ļ
<u>.</u>	LEASE	DESIGN	ATTON	AND	SERTA	L NO.	_

\	DEPARIM	MENT OF THE IN	IERIOR verse side)	5	. LEASE DESIGNATION	AND SERIAL NO.
1		EOLOGICAL SURVI			14-20-603-40	039
-31	***			6	. IF INDIAN, ALLOTTE	E OR TRIBE NAME
(Do no		CES AND REPOR	RTS ON WELLS r plug back to a different reserved proposals.)	ervoir.	Nava jo	
1.			ý	7	. UNIT AGREEMENT NA	
WELL K	GAS WELL OTHER				McElmo Creek	Unit
2. NAME OF C	PERATOR			8	. FARM OR LEASE NAM	ME.
	perior Oil Compa	ny				
	F OPERATOR			9	. WELL NO.	
P. O.	Drawer 'G', Cort	ez, Colorado			H=15	
4. LOCATION O	F WELL (Report location closace 17 below.)	early and in accordance wi	th any State requirements.*	1	O. FIELD AND POOL, O	
At surface	1980' FSL & 198	O' FRI.		<u> </u>	McElmo Cree	
	Sec 1-T41S-R24E			1	1. SEC., T., R., M., OR I SURVEY OR AREA	SUA. AND
	San Juan County			ŀ	Sec 1-415-R2	24E
14. PERMIT NO		15. ELEVATIONS (Show whe	other DE RT CR etc)		2. COUNTY OR PARISH	1 13. STATE
_	•	4539' KB	soller br, kr, da, ecc.)		San Juan	Utah
16.	Check Ap	propriate Box To India	cate Nature of Notice, F	Report, or Oth	er Data	
	NOTICE OF INTENT	PION TO:	1	SUBSEQUEN	T REPORT OF:	
നളയുന്ന അവ	PER SHUT-OFF P	PULL OR ALTER CASING	WATER SHUT-O	DEF.	REPAIRING V	WELL
FRACTURE		CULTIPLE COMPLETE	FRACTURE TRE		ALTERING C.	
SHOOT OF		ABANDON*	SHOOTING OR A		ABANDONME	NT*
REPAIR W	ELL C	CHANGE PLANS	(Other) Squa	eeze & Rep	erforate	K
(Other)			(Note: J	Report results of on or Recompletic	multiple completion on Report and Log for	on Well rm.)
5465 ' 5-12-66			roo1 - w-1 - 1	AO .		
5-13 - 64 5-14-64			n 590 sacks Halad zed with 600 gal a		bed zone to	clean
	_	r water - cut 9%				
5-15-64	Perforated 539 clean up.	2-5414' and acid	dized with 3700 ga	al acid.	Swabbed zone	to
5-16-64		6-74' and acidia	ed with 4200 gal	acid Sw	shhed to clas	n 110
5-17-64		Job complete.	100 HICH 4200 BOI	4024. 0#.	20000 00 0200	op.
5-23-64		3' to test upper	zone.			
6-5-64		BO, 4 BW, 1273				
					*	
						***.
	ertify that the foregoing is Original Signed By	true and correct				
	C. R. WALLER C. R. Waller	TITL	Production Eng	gineer	DATE July	23, 1964
	C. R. Waller ce for Federal or State office	PA 119A)				
(Into apa	A 101 Pederal Of State Office	.c use;				
APPROVE		TITL1	E		DATE	
CONDITIO	ONS OF APPROVAL, IF A	NY:				*

- (5) Cont.
 - (iv) The injection zones are the Ismay and Desert Creek formations. Both zones are carbonate formations consisting of limestone, anhydrite and dolomite. The formations extend throughout the Paradox Basin and are underlain by the Chimney Rock Shale and are overlain by the Hermosa Limestone.
 - (v) Fresh water zones (Morrison, Bluff, Entrada) range from 0 to 1300' with Entrada being the deepest and somewhat saline.
 - (vi) The analysis of formation water (Desert Creek) is as follows: (as parts per million).

 PH: 6.6 Ca: 17410 ppm SO4: 33 ppm

 CL: 34800 ppm Mg: 11518 ppm H2S: 10 ppm

 Fe: 1.5 ppm HCO3: 48.8 ppm Ba:
 CaCO3: 22150 ppm CO3: Specific

Gravity: 1.0902

- (6) To assure that injection is confined to intervals intended to receive the disposed water, wireline diagnostic surveys are run periodically to determine whether any escapement is taking place. If such information is discovered, the disposal well will be shut-in until proper measure can be taken. Casing pressure readings are made regularly to verify that no tubing or packer leaks have developed. If such leaks develop, the well will be shut-in until proper repairs can be made.
- (7) N/A.
- (8) The Division will be notified of the date and time to monitor the mechanical integrity test.
- (9) N/A.
- (10) N/A.

m 9-331 ay 1963)	UNITED STATES	SUBMIT IN TRIP	re-	Form approve Budget Bures LEASE DESIGNATION	au No. 42-R1
1	MENT OF THE INT		1	14-20-603 - 4	1.5
 	GEOLOGICAL SURVEY			F INDIAN, ALLOTTE	
	rices and report			<u> </u>	기 : 기계를 되는 기 : 기 : 기계를 되는
(Do not use this form for propo Use "APPLIC	ATION FOR PERMIT—" for at	ich proposals.)		Navajo	
				UNIT AGREEMENT NA	
WELL GAS WELL OTHER				McElmo Cree	
NAME OF OPERATOR		7. 8	8. 1	FARM OR LEASE NAD	A.R.
The Superior Oil Compa	any Alluni		9. 7	WELL NO.	
P. O. Drawer 'G', Cor	toz Colonado 9122	1		#H-15	
LOCATION OF WELL (Report location	clearly and in accordance with	any State requirements.*	10.	FIELD AND POOL, O	R WILDCAT
See also space 17 below.) At surface			M	cElmo Creek	
			11.	SEC., T., R., M., OR I	BLK. AND
1980' FSL & 1980' FEI	•	en de la companya de La companya de la co			
			<u>Sec</u>	. 1, T41S,	R24E
PERMIT NO.	15. ELEVATIONS (Show wheth				
	4539 K	R		<u>San Juan</u>	<u> Utah</u>
Check A	ppropriate Box To Indica	te Nature of Notice, Repo	rt, or Other	Data .	
NOTICE OF INTE			SUBSEQUENT 1		图 建氯化盐
		W AVIII 000		REPAIRING V	WELL
TEST WATER SHUT-OFF FRACTURE TREAT	PULL OR ALTER CASING MULTIPLE COMPLETE	WATER SHUT-OFF FRACTURE TREATMEN	vr -	ALTERING C	
SHOOT OR ACIDIZE	ABANDON*	SHOOTING OR ACIDIZ		ABANDONME	NT*
REPAIR WELL	CHANGE PLANS	(Other)			
(Other) Squeeze & Reco	- · · · · · · · · · · · · · · · · · · ·	(Nowe · Report	t results of m	ultiple completion	on Well
DESCRIBE PROPOSED OR COMPLETED OP proposed work. If well is direct nent to this work.)*		Completion or	Recompletion	ding estimated dat	e of starting
DESCRIBE PROPOSED OR COMPLETED OP proposed work. If well is direct nent to this work.) *	ERATIONS (Clearly state all per ionally drilled, give subsurface	Completion or tinent details, and give pertiner locations and measured and tru	Recompletion at dates, inclu e vertical dep	ding estimated dat ths for all marker	te of starting s and zones p
Propose to squeeze	ERATIONS (Clearly state all per ionally drilled, give subsurface	Completion or tinent details, and give pertiner locations and measured and tru	e Ismay	ding estimated dat the for all marker	te of starting s and zones ;
DESCRIBE PROPOSED OR COMPLETED OP proposed work. If well is direct nent to this work.)* Propose to squeeze	ERATIONS (Clearly state all per ionally drilled, give subsurface	Completion or tinent details, and give pertiner locations and measured and tru	e Ismay	ding estimated dat the for all marker	te of starting s and zones i
Propose to squeeze reperforate the Des	enations (Clearly state all per ionally drilled, give subsurface off all existing sert Creek Zone I	Completion or tinent details, and give pertiner locations and measured and tru perfs, perforate th	e Ismay The	ding estimated date that for all marker 5294-5314,	e of starting and zones f
Propose to squeeze reperforate the Des	off all existing sert Creek Zone I	tinent details, and give pertiner locations and measured and tru perfs, perforate th 5346-74', 5383-5414 id and the Desert C	e Ismay The	ding estimated date that for all marker 5294-5314', Ismay will be stimul	and and be
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Propose to squeeze reperforate the Des stimulated with 5,0 with 12,000 gallons	off all existing sert Creek Zone I 2000 gallons 28% acid. All possible 28% acid.	tinent details, and give pertiner locations and measured and tru perfs, perforate th 5346-74', 5383-5414 id and the Desert C	e Ismay The	ding estimated date that for all marker 5294-5314', Ismay will l be stimul	and and be
DESCRIBE PROPOSED OR COMPLETED OP proposed work. If well is direct nent to this work.)* Propose to squeeze reperforate the Dessitual state with 5,0 with 12,000 gallons. I hereby certify that the foregoing	off all existing sert Creek Zone I 2000 gallons 28% acid. All possible true and correct	Completion or tinent details, and give pertiner locations and measured and truperfs, perforate the 5346-74', 5383-5414 id and the Desert Cerforations will be	e Ismay The reek wil produce	ding estimated daths for all marker 5294-5314', Ismay will be stimul d commingle	e of starting and zones I and and be ated
Propose to squeeze reperforate the Des stimulated with 5,0 with 12,000 gallons	off all existing sert Creek Zone I 2000 gallons 28% acid. All possible 28% acid.	tinent details, and give pertiner locations and measured and tru perfs, perforate th 5346-74', 5383-5414 id and the Desert C	e Ismay The reek wil produce	ding estimated daths for all marker 5294-5314', Ismay will be stimul d commingle	and and be
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Propose to squeeze reperforate the Des stimulated with 5,0 with 12,000 gallons I hereby certify that the foregoing signed D. D. Kingman	off all existing sert Creek Zone I consisted and correct	Completion or tinent details, and give pertiner locations and measured and truperfs, perforate the 5346-74', 5383-5414 id and the Desert Cerforations will be	e Ismay The reek wil produce	ding estimated daths for all marker 5294-5314', Ismay will be stimul d commingle	and and be

DDK/njh

*See Instructions on Reverse Side

cc: State, USGS, Franques, Broussard, Hurlbut, File

Form 9-331 (May 1963)	UNITED STATES	SUBMIT IN TRIPLE	Form approved. Budget Bureau No. 42-R1424.
DEP	ARTMENT OF THE INTER	IOR verse side)	5. LEASE DESIGNATION AND SERIAL NO.
	GEOLOGICAL SURVEY		14-20-603-4039 6. IF INDIAN, ALLOTTEE OR TRIBE NAME
SUNDRY On the state of the stat	NOTICES AND REPORTS Proposals to drill or to deepen or plug PPLICATION FOR PERMIT—" for such 1	ON WELLS back to a different reservoir. proposals.)	Navajo
OIL GAS OT			7. UNIT AGREEMENT NAME McElmo Creek Unit
WELL AA WELL OT 2. NAME OF OPERATOR	CHER) ,		8. FARM OR LEASE NAME
The Superior Oil (Company // L	ulole	9. WELL NO.
	Cortez, Colorado 81821		H-15
See also space 17 below.)	Cortez, Colorado 81821 ation clearly and in accordance with any	y State requirements.	10. FIELD AND POOL, OR WILDCAT
At surface			McElmo Creek 11. sec., T., R., M., OR BLK. AND
1980' FSI & 1980' F	FEL, Section 1, T41S, R2	ΛΓ	SURVEY OR AREA
1900 131 & 1900 1		:	Sec. 1, T41S, R24E
14. PERMIT NO.	15. ELEVATIONS (Show whether D		San Juan Utah
	ck Appropriate Box To Indicate I		
NOTICE OF	F INTENTION TO:		JENT REPORT OF:
TEST WATER SHUT-OFF FRACTURE TREAT	PULL OR ALTER CASING MULTIPLE COMPLETE	WATER SHUT-OFF FRACTURE TREATMENT	REPAIRING WELL ALTERING CASING
SHOOT OR ACIDIZE	ABANDON*	SHOOTING OR ACIDIZING	ABANDONMENT*
REPAIR WELL	CHANGE PLANS	(Other) Squee:	of multiple completion on Well
(Other)		Completion or Recomp	etion Report and Log form.)
17. DESCRIBE PROPOSED OR COMPLE proposed work. If well is nent to this work.) *	TED OPERATIONS (Clearly state all pertine directionally drilled, give subsurface local contents.)	nt details, and give pertinent dates, ations and measured and true vertice	including estimated date of starting any al depths for all markers and zones perti-
11/16/70 Drilled of 11/18/70 Drilled of 11/20/70 Drilled of 2 jets per 11/22/70 Swabbed if 11/23/70 Perf'd Is Swabbed 3	all perfs 5346-5450' wind to 5477'. Perf'd 5470 put to 5330'. Perf'd 5330 put to 5425'. Perf'd Zoner ft. Treated with 500 in at 14.48 BPH rate. 20 may interval 5294-5314' BO BOPH.	40-44'. Acidized & bl 22-26'. Acidized and ne I intervals 5346-74 gallons 28% acid. 0% cut. Fluid at 2800	lock squeezed. block squeezed. 1' & 5383-5414' with
12/20/70 Ismay pun	mping 34 BOPD, 10% cut.		
1/1/71 Ismay and	d Desert Creek Zone I com	mmingled - 48 BOPD, 11	% cut.
			그는 옷만을 받는 번째를 다
18. I hereby certify that the fore	7/ 1	Dictoict Engineer	1/14/71
signed D. D. Kind	man TITLE	District Engineer	DATE1/15//1
(This space for Federal or St	ate office use)		아니는 용원용병원 살림 결과 중점하다
APPROVED BY	TITLE		DATE
CONDITIONS OF APPROVA	L, IF ANY:		
OCC /nh			

	rm 9-331 (ay 1963) DEPARTMENT OF THE INTERIOR (Other instructions on re- verse side)	Form approved. Budget Bureau No. 42-R1424 5. LEASE DESIGNATION AND SERIAL NO.
	GEOLOGICAL SURVEY	14-20-603-4039
7	SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)	6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo
1.	WELL GAS WELL OTHER Water Injection Well	7. UNIT AGREEMENT NAME MCElmo Creek Unit 8. FARM OR LEASE NAME
z. 3.	The Superior Oil Company Address of Operator	9. WELL NO.
4.	P. O. Drawer 'G', Cortez, Colorado 81321 LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*	MCU #H-15 10. FIELD AND POOL, OR WILDCAT
	See also space 17 below.) At surface 1980' FSL & 1980' FEL, Sec. 1, T41S, R24E, SLM	McElmo Creek Field 11. SEC., T., B., M., OR BLK. AND SURVEY OR AREA NW SE Sec. 1, T415, R24
14	. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4539 KB	12. COUNTY OR PARISH 13. STATE San Juan Utah
16.	Check Appropriate box to indicate ladrure or laotice, Report, or C	
	TEST WATER SHUT-OFF PULL OR ALTER CASING WATER SHUT-OFF FRACTURE TREAT MULTIPLE COMPLETE FRACTURE TREATMENT SHOOT OR ACIDIZE ABANDON* CHANGE PLANS (Other) Converted	REPAIRING WELL ALTERING CASING ABANDONMENT* to Water Inj. Well of multiple completion on Well etion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

10/18 Pulled production equipment.

10/19 RIH with dual string packer on 2-7/8" cement lined tubing. Stung into permanent packer at 5329' - dual string packer at 5259'. Stung into packer at 5259' with 2-3/8" plastic lined tubing string. Put well on injection 10/25/71.

Desert Creek: 151 BWPD Ismay: 97 BWPD

<u> </u>			
18. I hereby certify that the foregoing is true an	d correct		
signed D. D. Kingman	TITLE District Engineer	DATE11/	′3/71
(This space for Federal or State office use)			
APPROVED BY	TOTAL TO	DATE	
CONDITIONS OF APPROVAL, IF ANY:	TITLE	DAIN	

OC/nh

*See Instructions on Reverse Side

(May 1963) DEPARTMENT OF THE II	(dither instructions or the	Form approved. Budget Bureau No. 42-R1424. 5. LEASE DESIGNATION AND SERIAL NO.
GEOLOGICAL SURY	VEY	14-20-603-4039
SUNDRY NOTICES AND REPO (Do not use this form for proposals to drill or to deepen use "APPLICATION FOR PERMIT—" for the contraction of the contrac	ORTS ON WELLS or plug back to a different reservoir. or such proposals.)	Navajo 7. Unit AGREEMENT NAME
OIL GAS WELL OTHER Water Injec 2. NAME OF OPERATOR	tion Well	McElmo Creek = 8. FARM OR LEASE NAME
The Superior Oil Company 8. ADDRESS OF OPERATOR		9. WELL NO.
P. O. Drawer 'G', Cortez, Colorado (4. LOCATION OF WELL (Report location clearly and in accordance See also space 17 below.) At surface 1980' FSL & 1980' FEL Section 1, T41S, R24E SLM	81321 with any State requirements.	MCU #H-15 10. FIELD AND POOL, OR WILDCAT MCElmo Creek 11. abc., T., R., M., OR BLK. AND SURVEY OR AREA NW NE Sec. 1, T415, R248
14. PERMIT NO. 15. SLEVATIONS (Show w		12. COUNTY OR PARISH 13. STATE San Juan Utah
	391 KB	
Notice of intention to:	licate Nature of Notice, Report, or aussis	Other Daid
TEST WATER SHUT-OFF FRACTURE TREAT SHOOT OR ACIDIZE REPAIR WELL (Other) PULL OR ALTER CASING MULTIPLE COMPLETE ABANDON* CHANGE PLANS	WATER SHUT-OFF FRACTURE TREATMENT SHOOTING OR ACIDIZING (Other) (Note: Report result	BEPAIRING WELL ALTERING CASING ABANDONMENT* s of multiple completion on Well pletion Report and Log form.)
2/8/73 Treated Ismay perfs, 5294- 4000 psi, 1/4 BPM. to 2500 Ismay communicated with De Treated Desert Creek perfs Backflowed Ismay 67 bbls, Returned well to injection	O psi, 1/ 2 BPM. esert Creek. s 5346-5414 with 1000 gal Desert Creek 13 bbls afte	P-121 at 1 BPM at 2100 psi
18. I hereby certify that the foregoing is true and correct		그는 어머니 하나 중책과 나무하다 회원 회의 이상
SIGNED W. W. Maymer TIT		
D D Vinaman	LB <u>District Engineer</u>	DATEMay 9, 1973
O. D. Kingman (This space for Federal or State office use) APPROVED BY	District Engineer	DATE May 9, 1973

cc: USGS, State, Franques, Mosseylpstructionucy Reters Sitte

Form 9-331 (May 1963)	DEPARTME	ITS STATES NT OF THE INTER LOGICAL SURVEY	SUBMIT IN TRIPLICATIONS OF SUBMIT IN TRIPLICATIO	Form approved. Budget Bureau No. 42-R1424. 5. LEASE DESIGNATION AND SERIAL NO. 14-20-603-4039
	INDRY NOTICE	S AND REPORTS	ON WELLS s back to a different reservoir, proposals.)	6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo
OIL GAS WELL WELL NAME OF OPERATOR		Water Injection	n Well	7. UNIT AGREEMENT NAME McElmo Creek Unit
P. O. Dr. 4. LOCATION OF WELL See also space 17 At surface	'G', Cortez, (Report location clear) below.) 980' FSL & 198 ection 1, T41S	Colorado 81321 y and in accordance with an		9. WELL NO. MCU #H-15 10. FIELD AND FOOL, OR WILDCAT MCEIMO Creek Field 11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA NW SE Sec. 1, T41S, R24 12. COUNTY OR PARISH 18. STATE San Juan Utah
TEST WATER SHU PRACTURE TREAT SHOOT OR ACIDIZE REPAIR WELL (Other)	NOTICE OF INTENTION TOFF PULL MULT ABAN CHAN	OR ALTER CASING CIPLE COMPLETE COON® CIPCON® CIPCON®	WATER SHUT-OFF FRACTURE TREATMENT SHOOTING OR ACIDIZING (Other) (Note: Report result Completion or Recom	REPAIRING WELL ALTERING CASING ABANDONMENT ⁴ Is of multiple completion on Well pletion Report and Log form.)
4/5/73 M	illed out perm	anent packer bet	ween Ismay and Desert	
I	njection prior	mingled injection to treatment - equent to treatme	Shut In	the groups of the gerth of the groups and before a concept of the groups and before the groups of th
				true is designed the splitching proposals of course and think proposals of course and think proposals of course and particles, either my particles, either my particles, either my repeated and reports should include the course of the splitching of the depicts of the splitching of the course of the splitching of the course of the splitching of the course of the splitching
18. I hereby certify to	V 2	Mynes TITLE_	District Engineer	DATE 5/9/73
(This space for F	rederal or State office u	(a)		Comment of the state of the sta
	APPROVAL, IF ANY			Crail Lines

form 3160-5 fovember 1983) Formerly 9-331)	UNITED STADEPARTMENT THE	E INTERIOR	BUBMIT IN TRIPLICATE (Other instructions verse side)	Form approved Budget Bureau Expires Augus 6. LEASE DESIGNATION 14-20-603-403	No. 1004-0135 (1) t 31, 1985
	IDRY NOTICES AND RIPORT FOR PERMIT			NAVAJO	ER OR TRIDE NAME
OIL GAS WELL	OTHER			7. UNIT AGREEMENT N	AME
2. NAME OF OPERATOR				S. PARM OR LEASE NA	MB
SUPERI 2. Address of Operato	OR OIL COMPANY, through	gh its Agent	, MOBIL OIL CORP.	9. WELL NO.	·
P. 0.	DRAWER 'G', CORTEZ, CO	OLORADO 813	21	H-15	
4. LOCATION OF WELL () Bee also space 17 bei At surface	Report location clearly and in accord ow.)	ance with any Sta	te requirements.*	GREATER AND	IETH
1980' FSL &	1980' FEL			11. SEC., T., R., M., OR SURVEY OR ARE	BLK. AND A
		•	•	Sec. 1, T41S	, R24E
14. PERNIT NO. 43-037-15495	15. ELEVATIONS (S GL: 4528	thow whether DF, ST,	GR, etc.)	12. COUNTY OR PARIS	UTAH
16.	Check Appropriate Box To	o Indicate Nati	ire of Notice, Report, or	Other Data	
	NOTICE OF INTENTION TO:		SUBSI	QUENT ESPORT OF:	
PRACTURE TREAT SHOOT OR ACIDIZE REPAIR WELL (Other)	PULL OR ALTER CASE MULTIPLE COMPLETE ABANDON* CHANGE PLANE R COMPLETED OFERATIONE (Clearly of the complete		Completion or Recor	ALTERING ABANDONM its of multiple completion Report and Log f	CASING ENT*
ground, Mobil (electrified cat	fective corrosion cont Oil Corporation, Agent Thodic protection syst Ound rectifier which h	for Superion	or Oil Company, pr ng of a subsurface	oposes to consti graphite anode	ruct an
▶it area of the	on will consist of a t well location. All c Existing electrical	onstruction	will be confined	to existing dist	turbed area of
Super Oil Co Begain Drill Finished Dri					
18. I hereby certify the	t the foregoing is true and correct	TITLE Sr. R	egulatory Engineer	DATE 2/5/8	6
(This space for Fed	Benally				
APPROVED BY		TITLE		DATE	
	APPROVAL, IF ANY:				•

*See Instructions on Reverse Side

McELMO CREEK UNIT #H-15 1980' FSL, 1980' FEL NWSE Sec. 1, T41S, R24E San Juan County, Utah

FIELD:

GREATER ANETH

KB: 4539'

DF: 4538'

GL: 45281

PBTD: 5425' TD: 5580' TLD: 10.00'

TOC: 4200' (temp)

SPUDDED:

6-2-58

COMPLETED:

7-58

INJECTION ZONE: Ismay, Desert Creek Zone I

PERFS:

Ismay - 5294-5314 (2 jets/ft)

Zone I - 5346-74', 5383-5414' (2 jets/ft)

CASING:

16" Armco Spiral Weld SJ w/ 125 sx 10-3/4" 32.75# H-40 ST&C w/ 1100 sx 7" 20# & 23# J-55 ST&C w/ 345 sx

821 11991 55781

2-7/8" CS-95 cmt lined Hydril w/ tail at 5201"

PACKERS:

TUB ING:

Baker Lok-set at 5197'.

PUMP'G EOUIP:

Injection equipment.

WELL HEAD:

7-6-82

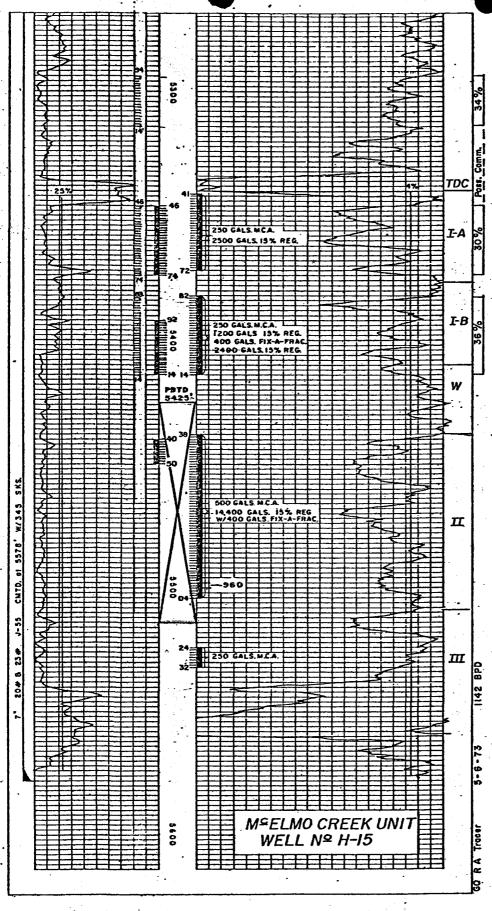
Tubing landed on bonnet through stripper.

Perf'd 5524-32', 5382-5414', 5341-72' w/ 4 jets/ft. Acidized 6-58 individually w/ 15% acid. Squeezed all perfs. Reperf'd 5440-5450' w/ 2 jets/ft. Treated 5-13 thru w/100 gal BDA acid, 500 gal XFW acid. Max press 2700# on vac 5-17-64 in 1 min. Perf'd 5392-5414', w/ 2 jets/ft & treated w/ 3500 gal acid. Final press 1500#, on vac in 5 min. Perf'd 5346-74' w/ 2 jets/ft & treated w/ 4200 gal acid. Final press 4150#. ISIP 3600#, 10 min 1000#. Squeezed all perfs, reperf'd 5440-44' w/ 2 jets/ft. Treated w/ 400 gal 28% acid. Final press 2000#. ISIP 1100# on vac in 1 11-12 thru 11-23-70 min. Squeezed perfs 5440-44', reperf'd 5322-26', treated w/ 400 gal 28% acid. Final press 2400#, ISIP 1500#. Squeezed off, perf'd Zone 1 5346-74', 5383-5414' w/ 2 JPF. Treated w/ 12,000 gal 28% acid in 3 equal stages. Final press 1400#, ISIP 600# 15 min 100#. Perf'd Ismay 5294-5314' w/ 2 jets/ft & treated w/ 5000 gal 28% acid in 2 equal stages. Final press 1500# on vac immediately. Converted to water injection. 10-21-71 Acidized all perfs w/ 5000 gal 28% acid in two equal stages. 4-6-73 Acidized Desert Creek Zone I w/ 1764 gal 28% acid. RIH w/ 8-1-79 new 7" Baker Lok-set packer at 5259'. Replaced Baker Lok-set packer & 3 jts. Packer set at 5197.

INITIAL WELL TEST

McELMO CREEK UNIT #H-15

DATE	June 27, 1958
OIL BBL/DAY	960
OIL GRAVITY	42
GAS CU.FT/DAY	
GAS-OIL RATIO CU/FT/BBL	
WATER BBL/DAY	0
PUMPING/FLOWING	F
CHOKE SIZE	, 1/8
FLOW TUBING PRESSURE	_ 560



Squeezed Perfs 5341-5532 W/600 sks 0% Halad 9 cmt.

Perfed 5140-50, Acidized W/IOO gal BDA; 500 gal I5% reg-N.E.

Perfed5392-5hTh, Acidized W/200 gal BDA; 3500 gal . I5% reg- N.B.

Perfed 5316-71, Acidized W/200 gal HDA3 1,000 gal T5% reg-N B.

11-13-70: Squeeded all perfs 5346-5450. Drid out to 5425 PBTD.

Perfed 5346-74, 5383-5414, Treated W/500 gals 28% acid. Perfed 5294-5314 a Treated W/5000 gals 28% acid. 10-19-71. Set permanent Pkr at 5329, a Dual string Pkr at 5259. Put well on injection 10-25-71.

2-8-73 Treated perfs 5294-5314. W/1000 gals P-121. Treated perfs 5346-5414 W/1000 gals P-121.

4-5-73 Milled out Pkr between Isma 8 Desert Creek, Treated all pert's 5294-5414 W/5000 gals 28% acid.

McELMO CREEK UNIT
THE SUPERIOR OIL CO. OPERATOR
NW SE SEC. 1, T41 S, R24 E.
SAN JUAN COUNTY, UTAH.
ELEV.4539' KB. T.D.5580'

REV: 11-8-71

ATTACHMENT I

RULE I-5: Application for Approval of Class II Injection Wells

- (a) Well Data Sheets.
- (b) (1) Plat #1.
 - (2) Well Data Sheets.
 - (3) Well Data Sheets & Logs.(4)
 - i. The average intervening thickness is 4000' between the existing injection interval and the deepest fresh water sand.
 - ii. Maximum Surface Pressure: 2800 psig. Maximum Rate: 4000 BWPD.

Chinle 1300' avg. Shale DeChelly 2350' avg. Sandstone Organ Rock 2600' avg. Shale Hermosa 4400' avg. Limestone Upper Ismay 5300' avg. Limestone Lower Ismay 5370' avg. Limestone Gothic 5450' avg. Shale	FORMATION	DEPTH	LITHOLOGY
Chimney Rock 5550' avg. Shale	DeChelly Organ Rock Hermosa Upper Ismay Lower Ismay Gothic Desert Creek	2350' avg. 2600' avg. 4400' avg. 5300' avg. 5370' avg. 5450' avg. 5460' avg.	Sandstone Shale Limestone Limestone Limestone Shale Limestone

- (5)
- (i) A throttling valve is installed on the wellhead to control injection rates and pressures.
- (ii) The source of injection water is Superior's production wells within the McElmo Creek Unit. The wells produce from the Ismay and Desert Creek formations with approximate depths of 5300' and 5460' respectively.
- (iii) The analysis of injection water is as follows: (as parts per million).

PH: 6.5 Ca: 13770 ppm S04: 25 ppm CL: 16700 ppm Mg: 11421 ppm H2S: 30 ppm

Fe: 3 ppm HCO3: 109.8 ppm Ba: - CaCO3: 18470 ppm CO3: - Specific

Gravity: 1.0553

Mobil Oil Corporation

P.O. BOX 5444 DENVER, COLORADO 80217-5444

May 14, 1986

Utah Board of Oil, Gas and Mining 355 West North Temple 3 Triad Center, Suite 350 Salt Lake City, Utah 84180-1203

Attn: R. J. Firth

Associate Director



DIVISION OF OIL, GAS & MINING

SUPERIOR OIL COMPANY MERGER

Dear Mr. Firth:

CNE/rd

CNE8661

On September 20, 1984, The Superior Oil Company (Superior) became a wholly owned subsidiary of Mobil Corporation. Since January 1, 1985, Mobil Oil Corporation (MOC), another wholly owned subsidiary of Mobil Corporation, has acted as agent for Superior and has operated the Superior-owned properties.

On April 24, 1986, Superior was merged with <u>Mobil Exploration and Producing North America Inc. (MEPNA)</u>, which is also a wholly cwned subsidiary of Mobil Corporation. MEPNA is the surviving company of the merger.

This letter is to advise you that all properties held in the name of Superior will now be held in the name of MEPNA; and that these properties will continue to be operated by MOC as agent for MEPNA.

Attached is a listing of all wells and a separate listing of injection-disposal wells, Designation of Agent and an organization chart illustrating the relationships of the various companies. If you have any questions or require additional documentation of this merger, please feel free to contact me at the above address or (303) 298-2577.

Very truly yours,

R. D. Baker

R. D. Baker Environmental Regulatory Manager PAGE

The Lion Wells

Only

4ESTERN REGULATORY WELL COMPLIANCE DATA FILE (PAGE 1 OF 2)

FOR THE CORTEZ SUPERVISOR AREA

FOR THE GREATER ANETH FIELD 05/13/86

							S				
PROPERTY NAME	WELL	COUNTY	STATE	SEC TWNSHP	RNG	WELL TYPE	A T	API NUMBER	FEDERAL LEASE NUMBER	STATE NUMBER	UNIT NUMBER
GOTHIC HESA	9-24	SAN JUAN	UT	SE SW 9-41	5-23E	LNI	SI	43-037-16452	14-20-603-242		94-004216
	9-44	SAN JUAN	UT	SE SE 9-41:	5-23E	INJ	SI	43-037-16451	· 14-2 0 -603-2 4 2		94-004216
	16-24	SAN JUAN	UT	SE SW 16-41	5-23E	LNI	SI	43-037-16454	14-29-603-243		94-004216
	16-44	MAUL MAZ	UT	SE SE 16-41:	7-23E	LNI	SI	43-037-16453	14-20-603-243		94-604216
NC ELMO CREEK	A17-1	SAN JUAN	UT	NE NE 10-41	5-24E	LNJ	OP.	43-037-05592	14-20-0603-6148		96-004190
	A17-2	SAN JUAN	UT	NE NE 10-41	5-24E	INJ	31	43-037-05592	14-20-0603-6140		96-004190
	8-13	SAN JUAN	UT	NW NW 2-415	-24E	LNI	OP	43-037-05701	14-20-603-6509	-	96-004190
	B-15	SAN JUAN	UT	NU SW 02-415	5-24E	LMI	0P	43-037-05657	14-20-603-6508		96-004190
	D-13	SAN JUAN	UT	NW NE 2-415-	-24E	INJ	ΟP	43-037-16267	14-20-603-6510 ·		96-004190
	D-15	SAN JUAN	UT	NW SE 2-415	7-24E	INJ	OP	43-037-05656	14-20-0603-6147		96-004190
	D-17	SAN JUAN	UT	NW NE 11-41	5-24E	LNI	OP	43-037-15704	14-20-603-5447		96-004190
	E-19	SAN JUAN	UT	NE SE 11-41	5-24E	LNI	OP	43-037-16342	14-20-603-5449		96-004190
	E-21	MAUL MAZ	UT	NE NE 14-41	:-24E	LNI	O۲	43-037-16343	14-20-693-370		96-004190
	E-23	SAN JUAN	UT	NE SE 14-413	5-24E	LMI	OP	43-037-16344	14-20-603-376		96-004190
	F-11	MAUL MAZ	บา	NW SW 36-403	5-24E	LKI	OP	43-037-05743	14-20-0603-6146		96-004190
	F-13	SAN JUAN	UT	NW NW 01-41	3-24E	LNI	OP	43-037-16345	14-20-603-4032		96-004190
	F-15A	MAUL MAZ	UT	NW SW 1-413	5-24E	LKI	CP	43-037-31149	14-20-603-4032		96-004190
	F-17	SAN JUAN	UT	NW NW 12-41	5-24E	INJ	GP	43-037-15493	14-20-603-4039		96-004190
	F15A	SAN JUAN	UT	NW SW 01-415	3-24E	LKI	OP	43-037-31149	14-20-603-4032		76-004190
	G-18	MAUL MAZ	UT	SE NW 12-41	5-24E	LNI	<u>OP</u>	43-037-15494	- 14-20-603-4039		96-004190
	6-19	SAN JUAN	UT	NE SH 12-41	3-24E	LNI	QP	43-037-05532	14-20-603-5450		96-004190
	G-21	SAN JUAN	UT	NE NW 13-41.	7-24E	LMI	SI	43-037-16347	14-20-603-370		96-004190
, ma	G-21A	MAUL MAZ	UT	NE NW 13-41	5-24E	INJ	02	43-037-30974	14-20-603-370		96-004190
	G-23	MAUL MAZ	UT	NE SW 13-41	5-24E	INJ	GP	43-037-16348	14-20-603-376		96-004190
	G-25	SAN JUAN	UT	HE NW 24-41	5-24E	INJ	OP	43-937-16349	14-20-603-370		76-904199
	H-11	SAN JUAN	UT	NW SE 36-40	S-24E	INJ	OF	43-037-05739	14-20-0603-6145		96-004190
	H-13	SAN JUAN	üT.	HU NE 01-41	5-24E	INJ	32	43-037-65708	14-29-693-4932		96-004190
	H-15	SAN JUAN	UT.	NW SE 01-41	S-24E	LMI	OP	43-037-05666	14-29-663-4639		96-0041966
	H-17	NAUL MAZ	UT	N4-NE 12-41	S-24E	LNI	JΡ	43-037-05805	14-20-603-4039		96-004190
	I-20	MAUL MAZ	UT	SE SE 12-41	7-24E	LMI	3P	43-637-05524	14-20-603-4495		96-004190

Mobil Oil Corporation

P.O. BOX 5444 DENVER, COLORADO 80217-5444

May 14, 1986

Utah Board of Oil, Gas and Mining 355 West North Temple 3 Triad Center, Suite 350 Salt Lake City, Utah 84180-1203

Attn: R. J. Firth

Associate Director



DIVISION OF OIL, GAS & MINING

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Attached is a listing of all wells and a separate listing of injection-disposal wells, Designation of Agent and an organization chart illustrating the relationships of the various companies. If you have any questions or require additional documentation of this merger, please feel free to contact me at the above address or (303) 298-2577.

Very truly yours,

R. D. Baker

Environmental Regulatory Manager

CNE/rd CNE8661

5. Lease Designation & Serial So.

14-20-603-4039

HAVAJO

6. If Indian, Allottee or Tribe Name

DEPARTMENT OF THE INTERIOR DUREAU OF LASD MANAGEMENT

SUBDRY NOTICES AND REPORTS ON WELLS

	BCELHO CREEK 8. Farm or Lease Name HCELHO CREEK UNIT 9. Nell No. 1-15 10. Field and Pool, or Wildcat GREATER ARETH
Oil, GA	S & MINING 11. Sec. T, R, N or BLE and Survey or Area SEC. 1, T415, R24E
14. Permit No. 15. Hevations (Df, RT, GR) 43-037-15495 GL:4528', DF:4538', IB:	
Shoot or Acidize /_/ Abandon * /_ Repair Well /_/ Change Plans /_	Subsequent Report of: _/ Water Shut-off /_/ Repairing Well /_/ _/ Fracture Treatment /_/ Altering Casing /_/ _/ Shooting/Acidizing /_/ Abandonment * /_/ _/ (Other) // _/ TEMPORARY ARANDOMMENT OF WELL
including estimated date of starting any proposed we locations and measured and true vertical depths for Mobil Oil requests written approval for temporary albeen less than 30 BMPD and increasing maintenance coapproval to perform TA work was obtained from Mr. Gowas performed and there was no pressure loss in fifth	bandonment of this injection well. Injection rates have osts have made this well an uneconomical injector. Verbal as Stolz of the EPA on 2/24/89. A mechanical integrity test
18. I hereby certify that the foregoing is true and	l correct
Signed: T. Wayne MCPL T. Wayne EcPherson	_ Title:
(This space for Federal or State office use) APPROVED BY COMDITIONS OF APPROVAL, IF ANY:	TITLE: DATE:
Title 18 U.S.C. Section 1901, makes it a crime for a	any person knowingly and willfully to make to any

to any matter within its jurisdiction.

Form 3160-5 Form Approved December, 1989 Budget # maau No. 1004-0135 UNITED ST DEPARTMENT OF ptember 30, 1990 BUREAU OF LAND MANAGEMENT 5. Lease Designation and Serial No. Unit 96-004190 SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or to deepen or 6. If Indian, Allottee or Tribe Name reentry to a different reservoir. Use "APPLICATION FOR PERMIT" Navajo Tribal for such proposals. If Unit or CA, Agreement Designation SUBMIT IN TRIPLICATE McElmo Creek Unit 1. Type of Well 011 Gas APR 05 1990 1. 8. Well Name and No. /X / Well / / Well / / Other DIVISION OF 2. Name of Operator OIL, GAS & MINING MOBIL OIL CORPORATION 43-037-05666 3. Address and Telephone No. 10. Field and Pool, or Exploratory Area P. O. Drawer G, Cortez, Co. 81321 303-565-2200 Greater Aneth OIL AND GAS 4. Location or Well (Footage, Sec., T., R., M. 11. County or Parish, State or Survey Description DRN 1980 FSU 1980 FEU, Sect, THO, R24E San Juan, Utah **JRB** 12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA DTS TYPE OF SUBMISSION TYPE OF ACTION Abandonment / / Change of Plans / / Notice of Intent / / Recompletion / / New Construction / / Plugging Back / / Non-Routine Fracturing **MICROFILM** / / Subsequent Report /_/ Casing Repair / / Water Shut-Off / / Altering Casing / / Conversion to injection FILE / / Final Abandonment Notice ! /X / Other Long term shut-in (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form) 13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)* Mobil has put this well on a long term shut-in status. This injection well is not taking any fluid and is scheduled for reconditioning within the next twelve months and will be put back on active status. This well is part of the CO2 flooding expansion within the McElmo Creek Unit. Mobil Exploration and Producing U. S. Inc., as agent for Mobil Oil Corp. 14. I hereby certify that the foregoing is true and correct Title Sr. Staff Environmental Engineer Date 3/30/90 (This space for Federal or State office use)

Title

or agency of the United States any false, fictitious or fraudulent statements or representations

Title 18 U.S. C. Section 1001, makes it a crime for any person knowingly and willfully to make to any tenartm

Approved by

Conditions of approval, if any:

within its jurisdiction.

RJF

GLH /

SLS

UIC

GLH V DIJ

FILE

COMPUTER

MICROFILM

Form 3160-5 December 1989

UNITED STATES DEPARTMENT OF THE INTERIOR BURRAU OF LAND MANAGEMENT

SUBDRY HOTICES AND REPORTS ON WELLS

Form to oved
Budget Bureau No. 1004-0135
Expires September 30, 1990

5. Lease Designation and Serial No. Unit 96-004190

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. Use "APPLICATION FOR PERMIT" for such proposals.	6. If Indian, Allottee or Tr Bavajo Tribal	
SUBBIT IN TRIPLICATE	T. If Unit or CA, Agreement Hellmo Creek Unit	Designation
1. Type of Well Gas Oil Gas /_J_ Well // Other DIVISION OF	U. Nell have and no.	
2. Name of Operator MOBIL OIL CORPORATION	9. API Hell No. 154 43-037- 056	
3. Address and Telephone No.	10. Field and Pool, or Explor	atory Area
P. O. Drawer G, Cortez, Co. 81321 303-565-2200	Greater Aneth	OIL AND GAS
4. Location or Well (Footage, Sec., T., R., M.	11. County or Parish, State	DRN RUF
or Survey Description 1980' FSL 1980' FEL Sec 1 T415 R24E	San Juan, Utah	JR3 . GLHV
		DTC SLS
12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT	COR OTHER DATA	
TYPE OF SUBMISSION : TYPE OF A	ACTION	
/_/ Abandonment /_/ Motice of Intent /_/ Recompletion	/_/ Change of Plans /_/ New Construction	2-TAS
/_/ Plugging Back	/_/ Mon-Routine Fracturing	3. MICROFILM
/_/ Subsequent Report /_/ Casing Repair /_/ Altering Casing	/_/ Water Shut-Off /_/ Conversion to Injection	HUIC FILE
/_/ Final Abandonment Notice /X_/ Other _Long to	ern shut-in	
	Report results of multiple completion on Recompletion Report and Log for	
13. Describe Proposed or Completed Operations (Clearly state all including estimated date of starting any proposed work. If well i locations and measured and true vertical depths for all markers and	pertinent details, and give pertinen s directionally drilled, give subsur	t dates,
Mobil has put this well on a long term shut-in status. This injection	tion well is not taking any fluid and	l is

Mobil has put this well on a long term shut-in status. This injection well is not taking any fluid and is scheduled for reconditioning within the next twelve months and will be put back on active status. This well is part of the CO2 flooding expansion within the McElmo Creek Unit.

Mobil Exploration and Producing U. S. Inc., as	s agent for Mobil Oil Corp.		UIC
14. I hereby certify that the foregoing is to Signed Chale F. Benally	rue and correctTitleSr. Staff Environment	al Engineer Date	GLH DJJ /3HGH COMPUTER
(This space for Federal or State office use) Approved by Conditions of approval, if any:	Title	Date	MICROFILM FILE

Title 18 U.S. C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Form 3160-5 (December 1989)

UNITED STATES DEPARTMENT OF THE INTERIOR

PORM*APPROVED

Budget Bureau No. 1004-0135

	and of the interest	CXPRES: SEPTEMBER 30, 1990
BUREAU OF LAND MANAGEMENT		5. Lease Designation and Serial No.
		14-20-603-4039
	S AND REPORTS ON WELLS	6. If Indian, Allottee or Tribe Name
Itea "APPLICATION E	drill or to deepen or reentry to a different reservoid OR PERMIT—" for such proposals	r.
USE AFFLICATION FO	JA PENMIT - TOT SECRETOROSAIS	NAVAJO TRIBAL
	T IN TRIPLICATE	7. If Unit or CA, Agreement Designation
1. Type of Well	OCT 15 1990	MCELMO CREEK UNIT
Oil Gas Well Other INJECT	ION WELL 501 13 1990	8. Well Name and No.
2. Name of Operator	Division of	H-15
MOBIL OIL CORPORATION	OIL GAS & ASSIMA	9. API Well No. 15495
3. Address and Telephone No.	AS SECTION OF	43-037 -05666
P.O. BOX 633 MIDLAND, TX 79702	(915) 688–2585	10. Field and Pool, or Exploratory Area
4. Location of Well (Footage, Sec., T., R., M., or Survey 1 1980' FSL, 1980' FEL SEC. 1, T41S	Description)	GREATER ANETH
1300 FSL, 1980 FEL SEC. 1, 1415	, K24E	11. County or Parish, State
		SAN JUAN, UTAH
12. CHECK APPROPRIATE BOX	(s) TO INDICATE NATURE OF NOTICE, REPO	ORT, OR OTHER DATA
TYPE OF SUBMISSION	TYPE OF ACTION	N
Notice of Intent	Abandonment	Change of Plans
	Recompletion	New Construction
Subsequent Report	Plugging Back	Non-Routine Fracturing
_	Casing Repair	Water Shut-Off
Final Abandonment Notice	Altering Casing CONVERGION TO	Conversion to Injection
	Other CONVERSION 10	
	(Note: Report results Recompletion Report	of multiple completion on Well Completion of and Log form.)
13. Describe Proposed or completed Operations (Clearly st	ate all pertinent details, and give pertinent dates, including estimated d	late of starting any proposed work. If well is
	measured and true vertical depths for all markers and zones pertinent t	
9-10-90 MIRU POOH W/TBG. INSTAL 9-11-90 DRILL OUT CIBP @5160 CIR	L NEW TBG HEAD PRESS TEST 1700# PSI/HELI	D/OK
9-12-90 SET PKR. @5169 PRESS C	c & clean hole :SG. TO 1000# PSI/HELD/OK ACDZ ISMAY & D.C.	
ZONE PERFS W/5900 GALS 1	5% HCL W/2800 GALS DIVERTER. POOH W/TBG	8 & PKR
9-13-90 SET CIBP @5330' SET CM	T RET. @5165 SQZ ISMAY PERFS 5294-5314 W	/125SX
CL "G" CMT. CIRC HOLE (1/2	BBL SLURRY PIT)	
9-17-90 DRILL CMT RET @5165 DR 9-18-90 CSG COMMUNICAT RESQZ SPOT 50sx "G" CMT PLUG ISMAY	ILL CM I TO 5245' CIRC HOLE	
SPOT 50sx "G" CMT PLUG ISMAY	' PERFS	
9-20-90 DRILL OUT CMT TO CI	BP @5330' PRESS CSG TO 1000 PSI	
9-21-90 DRILL OUT CIBP CLEA		
	@5162' PRESS.TEST CSG TO 1000#PSI/3	OMIN/HELD/OK
RDMO		, , on

4. I hereby certify that the foregoing is true and correct Signed Ollulou Octo	Title	AS AGENT FOR MODIL OIL COMPORATION		10-12-90
(This space for Federal or State office use)				
Approved by	Title		Date .	·

Form 3160-5 (June 1990)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

5. Lease Designation and Serial No.

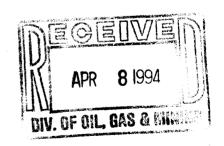
14-20-603-4039 6. If Indian, Allottee or Tribe Name

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT - " for such proposals

NAVAJO TRIBAL

SUBMIT IN TRIPLICATE		7. If Unit or CA, Agreement Designation MCELMO CREEK UNIT
Type of Well Oil Gas Well X Other Name of Operator MOBIL EXPLORATION & PRODUCING US, Address and Telephone No.	AS AGENT FOR MOBIL OIL CORPORATION	8. Well Name and No. MCELMO CREEK UN H-15 9. API Well No. 43-037-15495
P. O. 633, MIDLAND, TX 79702	10. Field and Pool, or exploratory Area	
4. Location of Well (Footage, Sec., T., R., M., or Survey Dec	4. Location of Well (Footage, Sec., T., R., M., or Survey Description)	
1980' FSL, 1980' FEL; SEC 1, T41S, R24E		11. County or Parish, State
		SAN JUAN UT
12. CHECK APPROPRIATE BOX(s)	TO INDICATE NATURE OF NOTICE, REPOR	RT, OR OTHER DATA
TYPE OF SUBMISSION	TYPE OF ACTIO	N
Notice of Intent X Subsequent Report Final Abandonment Notice 13. Describe Proposed or Completed Operations (Clearly state a)	Abandonment Recompletion Plugging Back Casing Repair Altering Casing Other I pertinent details, and give pertinent dates, including estimated date of st	Change of Plans New Construction Non-Routine Fracturing Water Shut-Off Conversion to Injection Dispose Water (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.). starting any proposed work. If well is directionally drilled.
give subsurface locations and measured and true ver	tical depths for all markers and zones pertinent to this work.)*	



14. I hereby cofflify that the foregoing is true and correct Signed Signed Shirles	ENV. & REG. TECHNICIAN	Date	04/04/94
(This space for Federal or State office use)			
Approved byConditions of approval, if any:	Title	Date	

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

McElmo Creek Unit H-15 Workover Procedure

- 1. Mf 100+ bbi that bottom open top tank with gas vent line. MiRU colled tubing which with 1-1/4" coiled tubing. Af Standby Sarety Services (303/565-6391) having 5 Scott 30 minute airpacks. Tive minute escape macks for all coiled tubing/acid stimulation crew. personal H25 monitors for all personnel on location. and one safety man. Acid stimulation company to provide eve wash station. Hook up coiled tubing injection pump to fresh water transport. Lay flow line from wing valve to a choke manifold having two adjustable chokes. Las flowline from choke manifold to flat bottom tank. Stake and class flowline down. PT coiled tubing to 6000 ps; using injection water.
- 2. RIH with 1-1/4" coiled tubing with perforation wash nozzle and UG to PBTD at 5425 using fresh water at maximum corculating rate at maximum corculating pressure of 5000 psi. Spot 5 bbls of xylene across perforations and bullhead into formation using fresh water. POH. If unable to CO fill using injection water, attempt to clean out fill using 10 bbl of 15 percent HCL acid containing 2 gals/mgals corrosion inhibitor, and 10 lbs/mgals iron sequestering agent. I percent mutual solvent, neutralizing any unspent acid that returns to tank. If unsuccessful in cleaning well out, POH. RIH with 1-3/4", dynadrill on 1-1/4" coiled tubing and drill out fill. POH.
- 3. MIRU wireline unit with jubricator. Turn off all radios/cellular telephones on location and post warning signs for radio/cellular telephone silence at all roads within 100 yards of location. Fill with 1-11/16" nagnetically decentralized Energes perforating duns loaded with 8.0 gram RDX charges at 6 SPF. 0 degree phasing and perforate 5742 -5414. POH. RDMO wireline.
- 4. RU coiled tubing. Pickle coiled tubing with 3 bbls of 15 percent HUL acid, reverse out to pit or tank and neutralize. RIH with 1-1/4" coiled tubing with perforation wash nozzie. Wash perforations shot in previous step without taking returns using 2 bbls/ft of 15 percent HCL acid. NOTE: All acid pumped into well to contain 2 dels/mgals corrosion inhibitor. 10 lbs/mgals iron sequestering agent, and I percent mutual solvert. Pump rate should be maximum injection rate at 5000 psi surface injection pressure. Overdisplace acid using fresh water. POH. RDMO chiled tubing unit and all surface equipment.
- 5. Pump out tank. Turn well over to production teaving well shot in.

Jerocher Till

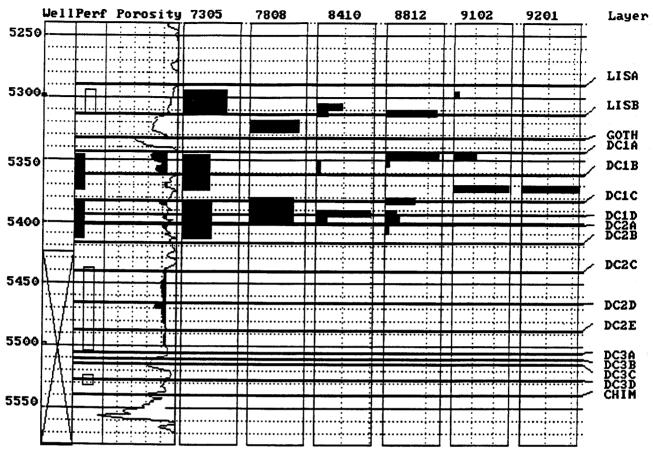
Bovinhole Service Center, Inc. 900 Sandstone Avenue

505-327-5449 Office

Farmington, New Mexico

DATE	7/24	190 WELL NO H-15 LE	ASE MCELMO CREEK KB 100	
		A-BAKER 7" 23#-26" INVERTED LOK SET PKR 23/8 B-BAKERTED DOWN HOLE VALUE 23/8 BOX & PIN C-HEL BAKER ON E OFF TOOL 23/8 EUE BOX & PIN D-27/8 EUEBOX X 23/8 EUE PIN X-OVER E-162 TS 27/8 CEMENT LINED TRS		
		KB 10,00 162, TS 5141 GO X-OUER .75 000 185 DHU 150 PKR 690 5162.6	5152.6 X,03023 155.76 BBI	
E		PKR SET IN 15000000000000000000000000000000000000	51526 5.005794 29.85 BBL	
			TOTAL VOLUME	
	5151.6	·	155.76 ANNULAR 29.85 TBG 185.61	
0	5152 5154			
	5155			
AX	5160			
	5162	160		
5425				
	-			

PROFILE HISTORY McElmo Creek Unit H-15



PROFILE NOTES:

9201 Profile: 8.1% of flow below 5377 ft.

PROFILE HISTORY:

7305 34.0 7808 8410 33.4 8812 30.0	34.0		34.0	LISB 	LSWA1	DC1A 30.0	DC1B	DC1C	DC1D 36.0	 LSWB2	DC2A	DC2B	DC2C	DC2D	DC2E	DC3A	DC3B	DC3C	DC3D Un	
	33.4 30.0 6.2			6.6 33.3 27.2	17.4 66.6 91.9		10.6 8.1		4.4									8.1		

Proposed Perts 5342'- 5414'

No go /ccl veg.

8.1

Form 3160-5 (June 1990)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT - " for such proposals

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

 Lease Designation and Serial No. 14-20-603-4039

б.	Ιf	Indian,	Allottee	OF	Tribe	Name

NAVAJU	LKIRYT

SUBMIT IN T	MCELMO CRE	_	
Type of Well Oil	8. Well Name and No. MCELMO CREEK UN H-15 9. API Well No. 43-037-15495 10. Field and Pool, or exploratory Are		
3. Address and Telephone No. P. O. 633, MIDLAND, TX 79702			
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1980' FSL, 1980' FEL; SEC 1, T41S, R24E	GREATER ANETH 11. County or Parish, State		
		SAN JUAN	UT

			SAN JUAN U
12.	CHECK APPROPRIATE BOX	X(s) TO INDICATE NATURE OF NOTICE, RE	PORT, OR OTHER DATA
	TYPE OF SUBMISSION	TYPE OF AC	TION
	Notice of Intent X Subsequent Report Final Abandonment Notice	Abandonment Recompletion Plugging Back Casing Repair Altering Casing Other ACIDIZE	Change of Plans New Construction Non-Routine Fracturing Water Shut-Off Conversion to Injection Dispose Water
			(Note: Report results of multiple completion on Well Completion or Recompletion Report and Los form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

04/29/94 MIRU CUDD CTU. TEST TO 5000#. TAG FILL @ 5381', SPOT 3 BBLS ACID, WAIT ON ACID TRY TO WASH DOWN/UNSUCCESSFUL. SPOT 5 BBLS ACID, WAIT ON ACID, TRY TO WASH DOWN/UNSUCCESSFUL. SPOT XYLENE ACROSS PERFS. PERF 5342-81' W/6 SPF.

V64/30/94 TEST TO 5000#/HELD OK. ACIDIZE PERFS W/80 BBLS 15% HCL ACID AND OVER FLUSH W/50 BBLS WATER. OPENED WELL ON CO2 INJECTION, TURNED WELL TO PROD. RDMO.

MAY 6 1994

DIVISION OF OIL GAS & MINING

	DIVISION OIL GAS & MINING				
14. I hereby certify that the foregoing is true and correct Signed	Title ENV. & REG. TECHNICIAN	Date 05/02/94			
(This space for Federal or State office use) Approved by Conditions of approval, if any:	Title	Date tax credit			
Title 18 U.S.C. Section 1001, makes it a crime for any person k or representations as to any matter within its jurisdiction.	nowingly and willfully to make to any department or agency of the U	nited States any false, fictitious of fraudulent statement			

	TOR CHANGE HORKSHEET					Routing:
	all documentation received each listed item when comp					2_LWD 8-SJ 3=DE3/9-FILE 4_VLC
	nge of Operator (well ignation of Operator			of Agent e Change Only		5-RJF 6-LWP
The of	perator of the well(s)	listed below has	changed (EFF	ECTIVE DATE:	8-2-95)
TO (ne	ew operator) MOBIL EXPI (address) C/O MOBIL PO DRAWER CORTEZ CO phone (303 account no	OIL CORP G 81321 b) 564-5212	FROM (form		C/O MOBIL PO DRAWER CORTEZ CO phone (30	OIL CORP
	(attach additional page		<u>.</u>			
Name:	** SEE ATTACHED **	API:	Entity:	SecTwp	Rng Rng	Lease Type: Lease Type:
Name:		API:	Entity:	SecTwp		Lease Type:
Name:		API.	ENTITY: Fntitv:	SecTwp SecTwp		Lease Type: Lease Type:
Name:		API:	Entity:	SecTwp		Lease Type:
Name:		API:	Entity:	SecTwp		Lease Type:
N/A 1.	OR CHANGE DOCUMENTATIO (Rule R615-8-10) Sur operator (Attach to t (Rule R615-8-10) Sund (Attach to this form)	ndry or other <u>le</u> his form). ry or other <u>lega</u> l				
,	The Department of Comoperating any wells yes, show company fil	in Utah. Is comp e number:	oany register 	ed with the	state? (y	yes/no) If
	(For Indian and Fede (attach Telephone Do comments section of changes should take p	this form. Manag	to this re gement review	port). Make of <mark>Federal</mark>	note of and Indi	an well operator
	Changes should take p Changes have been ent listed above. (8-3-95	/				BM) for each well
LW 6.	Cardex file has been	updated for each	well listed a	bove . 8-31.91	~	
W 7.	Well file labels have	been updated for	each well li	sted above.	9-18-gr	
1	Changes have been inc for distribution to S	tate Lands and th	e Tax Commiss	ion. (8395)		•
Lileg.	A folder has been set placed there for refe	up for the Oper rence during rout	ator Change fing and proce	ile, and a c ssing of the	opy of th original	is page has been documents.

OPERATOR CHANGE WORKSHEET (CONTINUED) Initial each item when completed. Write N/A if item	is not applicable.
ENTITY REVIEW	
1. (Rule R615-8-7) Entity assignments have been reviewed for all well entity changes made? (yes/no) (If entity assignments were charges form 6, Entity Action Form).	lls listed above. Were anged, attach <u>copies</u> of
진류 2. State Lands and the Tax Commission have been notified through entity changes.	normal procedures of
BOND VERIFICATION (Fee wells only) & No Fee Leese Wells of this time!	
NA/1. (Rule R615-3-1) The new operator of any fee lease well listed proper bond.	above has furnished a
2. A copy of this form has been placed in the new and former operator	s' bond files.
3. The former operator has requested a release of liability from th Today's date 19 If yes, division respons dated 19	eir bond (yes/no) e was made by letter
LEASE INTEREST OHNER NOTIFICATION RESPONSIBILITY	
1. (Rule R615-2-10) The former operator/lessee of any fee lease well notified by letter dated	sibility to notify any
2. Copies of documents have been sent to State Lands for changes invo	lving State leases.
FILMING	
1. All attachments to this form have been microfilmed. Date: octob	<u>er 6 1995.</u>
FILING	
1. <u>Copies</u> of all attachments to this form have been filed in each well	I file.
2. The <u>original</u> of this form and the <u>original</u> attachments have been Change file.	filed in the Operator
950803 W.C F5/Not necessary!	•

WE71/34-35

Page No. 1 08/03/95

STATE OF UTAH INVENTORY OF INJECTION WELLS

	ATOR	API NO.	WELL	TNS	RGE	SE	WELLTYPE	INDIAN COUNT
· · · · · · · · · · · · · · · · · · ·	*****	******	*****	***	***	**	*****	*******
MEPNA	(MOBIL	43-037-15617	F-11	40S	24E	36	INJW	Y
MEPNA	(MOBIL	43-037-16350	H-11	40S	24E	36	INJW	Y
MEPNA	(MOBIL	43-037-15618	G-12	40S	24E	36	INJI	Y
MEPNA	(MOBIL	43-037-15619	I-12	40S	24E	36	INJW	Y
MEPNA	(MOBIL	43-037-16377	T-8	40S	25E	28	INJW	Y
MEPNA	(MOBIL	43-037-16366	P-7	40S	25E	29	INJW	Y
MEPNA	(MOBIL	43-037-16362	N-7	40S	25E	29	INJW	Y
MEPNA	(MOBIL	43-037-15961	M-10	40S	25E	31	INJW	Y
MEPNA	(MOBIL	43-037-16359	L-9	40S	25E	31	INJW	Y
MEPNA	(MOBIL	43-037-15955	K-12	40S	25E		INJW	Y
MEPNA	(MOBIL	43-037-16354	J-11	40S	25E	31	INJW	Y
MEPNA	(MOBIL	43-037-15958	L-11	40S	25E	31	`INJW	Y
MEPNA	(MOBIL	43-037-15962	M-12	40S	25E	31	INJW	Y
MEPNA	(MOBIL	43-037-16367	P-9	40S	25E	32	INJW	Y
MEPNA	(MOBIL	43-037-31677	Q12A	40S	25E	32	INJW	Y
MEPNA	(MOBIL	43-037-15968	0-12	40S	25E	32	INJW *	Y
MEPNA	(MOBIL	43-037-15971	P-11	40S	25E	32	INJW	Y
MEPNA	(MOBIL	43-037-15965	N-11	40S	25E	32	INJW	Y
MEPNA	(MOBIL	43-037-15967	0-10	40S	25E	32	INJW	<u>Y</u>
MEPNA	(MOBIL	43-037-15964	N-9	40S	25E	32	INJW	Y
MEPNA	(MOBIL	43-037-15973	Q-10	40S	25E	32	INJW	Y
MEPNA	(MOBIL	43-037-30080	T-09A	40S	25E	33	WLMI	Y
MEPNA	(MOBIL	43-037-16155	U-12	40S	25E	33	INJW	Y
MEPNA	(MOBIL	43-037-16375	S-10	40S	25E	33	INJW	Y
∠MEPNA	(MOBIL	43-037-30179	R-11A	40S	25E	33	INJI	Y
MEPNA	(MOBIL	43-037-16381	U-10	40S	25E	33	INJW	Y
MEPNA	(MOBIL	43-037-16147	R-09	40S	25E	33	INJI	Y
MEPNA	(MOBIL	43-037-16150	S-12	40S	25E	33	INJW	Y
MEPNA	(MOBIL	43-037-16351	H-13	41S	24E	1	INJW	Y
MEPNA	(MOBIL	43-037-16144	G-16	41S	24E	1	WLNI	Y
MEPNA	(MOBIL	43-037-16345	F-13	41S	24E	1	WLNI	Y
MEPNA	(MOBIL	43-037-16143	G-14	41S	24E	1	INJW	Y
MEPNA	(MOBIL	43-037-15495	H-15	41S	24E	1	INJI	Y
	(MOBIL	43-037-15497	I-16	41S	24E	1	INJW	Y
MEPNA	•	43-037-31149	F-15A	41S	24E	1	INJI	Y
MEPNA	•	43-037-16267	D-13	41S	24E	2	INJW	Y
MEPNA		43-037-16268	E-14	41S	24E	2	INJW	Y
MEPNA		43-037-16341	D-15	41S	24E	2	INJW	Y
MEPNA		43-037-16340	B-15	41S	24E	2	WLMI	. Ү
MEPNA		43-037-15616	E-16	41S	24E	2	WLNI	Y
MEPNA		43-037-16265	C-14	41S	24E	2	INJW	Y
MEPNA		43-037-16338	A-17	41S	24E	10	INJW	Y
MEPNA		43-037-15704	D-17	41S	24E	11	INJW	Y
MEPNA		43-037-16342	E-19	41S	24E	11	WLNI	Y
MEPNA		43-037-15702	C-18	41S	24E	11	INJI	Y
MEPNA		43-037-15496	H-17	41S	24E	12	INJI	Y
MEPNA		43-037-16346	G-19	41S	24E	12	INJW	Y
MEPNA	•	43-037-15709	I-18	41S	24E	12	INJW	Y
MEPNA	•	43-037-15710	I-20	41S	24E	12	WLNI	Y
MEPNA		43-037-15493	F-17	41S	24E	12	WLNI	Y
✓MEPNA	`	43-037-15494	G-18	41S	24E	12	INJI	Y
		43-037-16352	I-23	41S	24E	13	INJI	Y
MEPNA	(MOBIL	43-037-16348	G-23	41S	24E	13	INJW	Y

Division of Oil, Gas and Mining PHONE CONVERSATION DOCUMENTATION FORM

Rou	Well File (Location) SecTwpRng (API No.)	(To - Initials)	OPER NM CHG
1.	Date of Phone Call: 8-3-95	Time:	
2.	DOGM Employee (name) L. C Talked to:	ORDOVA	(Initiated Call [])
	Name R. J. FIRTH of (Company/Organization)		
3.	Topic of Conversation: MEP	N A / N7370	
			* .
4.	Highlights of Conversation: OPERATOR NAME IS BEING CHANGED NORTH AMERICA INC) TO MOBIL EXP THIS TIME TO ALLEVIATE CONFUSIO	FROM M E P N A (MOBIL E. LOR & PROD. THE NAME C. N, BOTH IN HOUSE AND AM	RPLORATION AND PRODUCING HANGE IS BEING DONE AT ONGST THE GENERAL PUBLIC.
	*SUPERIOR OIL COMPANY MERGED IN	TO M E P N A 4-24-86 (S	EE ATTACHED).
	· · · · · · · · · · · · · · · · · · ·		
		•	
			:

Form 3160-5

UNITED STATES

FORM APPROVED Budget Bureau No. 1004-0135

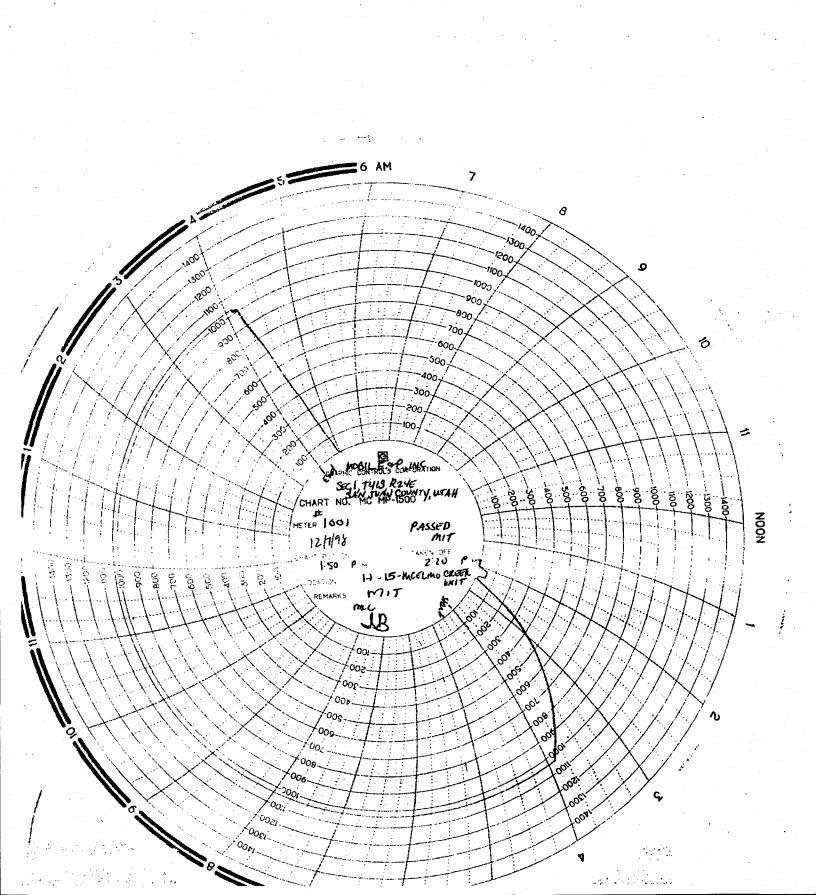
une 1990) DEPARTME	NI OF THE INTERIOR	Expires: Maion 31, 1993			
	LAND MANAGEMENT	5. Lease Designation and Serial No. 14-20-603-4039			
SUNDRY NOTICES A	AND REPORTS ON WELLS				
그는 사람들이 많은 사람들이 되는 사람들이 가장 하면 하는 것이 되었다.	If or to deepen or reentry to a different reservoir.	6. If Indian, Allottee or Tribe Name			
Use "APPLICATION FOR	NAVAJO TRIBAL				
		7. If Unit or CA, Agreement Designation			
	T IN TRIPLICATE	MCELHO CREEK UNIT			
1. Type of Well Oil Gas Well Well X Other		8. Well Name and No. MCELMO CREEK UNIT H-15			
2. Name of Operator MOBIL PRODUCING TX &					
and the state of t	PRODUCING US INC. AS AGENT FOR MPTM	9. API Well No.			
9. Address and Telephone No. P.O. Box 633, Midland TX 79702	(915) 688-2585	43-037-15495 10. Field and Pool, or exploratory Area			
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Final Abandonment Notice	Casing Ropair	Water Shut-Off			
Final Abaliconnical Notice	Altering Casing	Conversion to Injection			
가능하는 이렇게 보고 있다. 그렇게 되어 되었다. 보는데 보고 있는 사람들이 되었다.	X Other MIT & CHART	(Note: Report results of multiple completion on W			
Describe Proposed or Completed Operations (Clearly state	all pertinent details, and give pertinent dates, including estimated date of	Completion or Recompletion Report and Log form starting any proposed work. If well is directionally dr			
give subsurface locations and measured and true v	vertical depths for all markers and zones pertinent to this work.)*				
SCHEDULED MIT (1998)					
ATTACHED MIT & CHART					
		नियम्बर्गिक			
	MEC	[5] W [5] [1]			
기원의 기울 강하는 기술소를 받았다.	111//5				
	IIn C LEW	r 8 1889 \\\			
그리라, 현실님, 인스탈스탈인 이번					
	Iniv of Oil	, GAS & WINNING			
	Divivi	The second secon			
그렇는 그런 사용을 하는 불편하다.					

. I heroby certify that the foregoing is true a Signed A D D D	Z Title	SHIRLEY	HOUCHINS.	ENV.	& REG. TECH	Date	2-04-99	
(This space for Federal or State office use) Approved by Conditions of approval, if any:	Title					Date		-

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

ANNULAR PRESSURE TEST (Mechanical Integrity Test)

Operator MOBIL E+P.	NC	Date of Tes	12 7-98
Well Name MCLLMO CRUCK			
Location SEC1 THIS R24			e No. 1420(a)34039
State and County SAN SUAN			
Continuous Recorder? YES	IO 🗆 Pres	sure Gauge? YE	S V NO U
Bradenhead Opened? YES N		d Flow? YES	
TIME	ANNULUS PR		TUBING PRESSURE, psi
1:50 pm	JD15	1040	2740 garge
1 55 Pm	1010	1038	2740
2.00Pm	1010	1035	2740
2 05 1m	1010	1030	2746
2.10 Pm	1010	1028	2740
2:15 Pm	1010	1028	2-140
2:20 Pm	1010	1028	2740
MAX. INJECTION PRESSURE: MAX. ALLOWABLE PRESSURE		- - -	(TEST PRESSURE X 0.05)
REMARKS: Passed 2 Failed? If f	ailed, cease inject	tion until well pa	sses MIT (40CFR§144,21(c)(6)).
War had a sight trake	(COZ MISB	1 15 going 10	have the value replaced
PASSED MIT.			
			MECEIVEM
			FEB 0 8 1999
			[][][150 6.9 laaa
			DIV. OF OIL, GAS & MINING
VAN BENALLY J	\$\$	and	12-1-98
COMPANY REPRESENTATIVE:	(Print and Sig	(n)	DATE
MLLVINA K. CLAH / K	Jelun Ki	JAL	12-7-98
INSPECTOR: (Print and Sign)			DATE

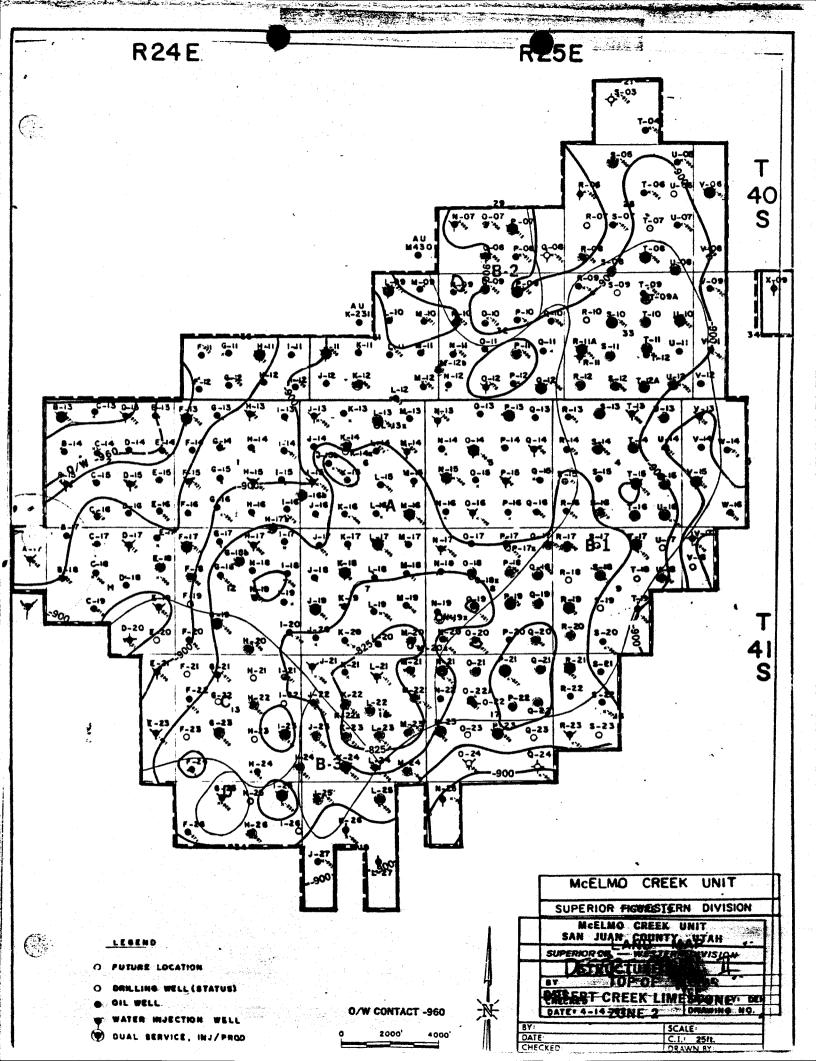


CHECKLIST FOR INJECTION WELL APPLICATION AND FILE REVIEW

JDC1250-1	Well No. Mrc Sho have Vait H-15
	4 Sec. / API# 43-037-15495
New Well Conversion Disposal	Well Enhanced Recovery Well _K
	YES NO
UID Forms Completed	
Plat including Surface Owners. and wells of available recor	
Schematic Diagram	
Fracture Information	
Pressure and Rate Control	
Adequate Geologic Information	
Fluid Source	Deserthat Jana
Analysis of Injection Fluid	Yes No TDS60,000
Analysis of Water in Formation to be injected into	
Known USDW in area	Margo Mile Depth 1300
Number of wells in area of rev	view Prod. P&A
	WaterInj
Aquifer Exemption	Yes NA
, Mechanical Integrity Test	Yes No
	Date 10-25-84 Type Waln Forcial
Comments:	
A	•
My service of the ser	
Reviewed by:	

UTAH DIVISION OF OIL, GAS AND MINING CASING-BRADENHEAD TEST

	OPERATOR: MEPNA							
	FIELD: brea	ter	Aneth		LEASE:	MCElmo Creek		
	WELL #	15	(NAVA)	6 13-2	<u>sec.01</u>	TOWNSHIP 4/5 RANGE	24E	
	STATE FED. F	EE DEP	гн <u> 558</u>	O TYP	E WELL IA	JJW MAX. INJ. PRESS.	2800 p	
		/2	510 542	25	water TA		Pate 400	
	IDST DATE	9/10/2	<u> </u>			7-5/6 /		
	CASING STRING	SIZE	SET AT	CMT	PRESSURE READINGS	REMARKS	FUTURE	
	SURFACE	16"	82'	12 <u>5 sx</u>	-	51-due +0#6		
	INTERMEDIATE					injection trunk		
	PRODUCTION					line shut down		
			. *****					
	TUBING	27/8"				****		
1-01	Be	akei h	ok-set a	± 519	77'			
10/22/	CASING STRING		SET AT	CMT	PRESSURE READINGS	REMARKS NO gauge; opened	FUTURE	
	SURFACE	16"	·		0-	but no blow		
	INTERMEDIATE	103/4					•	
	PRODUCTION	<u> 7''</u>			0-	W/ no blow		
	TUBING				-1400-			
	CASING STRING	SIZE	SET AT	CMT	PRESSURE READINGS	REMARKS	FUTURE	
	SURFACE		•	1 · · · · · · · · · · · · · · · · · · ·				
	INTERMEDIATE							
	PRODUCTION							
	TUBING							
			-					



Pbil Production Company

ExxonMobil Production Company U.S. West P.O. Box 4358 Houston, Texas 77210-4358

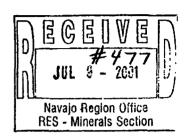
June 27, 2001

Certified Mail
Return Receipt Requested

Ms. Genni Denetsone
United States Department of the Interior
Bureau of Indian Affairs, Navajo Region
Real Estate Services
P. O. Box 1060
Gallup, New Mexico 87305-1060
Mail Code 543

1 12 2 2001 SW 543

ExonMobil
Production



Change of Name –
Mobil Oil Corporation to
ExxonMobil Oil Corporation

Dear Ms. Denetsone:

Effective June 1, 2001, Mobil Oil Corporation (MOC) changed its name to ExxonMobil Oil Corporation (EMOC). This was a name change only; EMOC is the same corporation as Mobil Oil Corporation, but with a new name. No facility or other asset was transferred from one corporation to another by virtue of the name change. Specifically, EMOC will remain the owner and operator of its existing exploration and production oil and gas properties and facilities, as well as relevant permits.

There is no change to the name of Exxon Mobil Corporation, the ultimate shareholder of EMOC.

Please note the change of name of MOC to ExxonMobil Oil Corporation in your records pertaining to any MOC permits.

The Federal Identification Number for MOC (13-5401570) will remain the same for EMOC.

Attached is the Name Change Certification, Current listing of Officers and Directors, Filing Fee of \$75/-, Listing of Leases, Financial Statement and a copy of the Rider for Bond number 8027 31 97. The original Bond Rider has been sent to Ms. Barbar Davis at your Washington Office.

If you have any questions, please contact Alex Correa at (713) 431-1012.

Very truly yours,

Charlotte H. Harper Permitting Supervisor

Attachments

JUL 0 5 2001

NAVAJO REGION OFFICE
BRANCH OF REAL ESTATE SERVICES

ExxonMobil Production Company a division of Exxon Mobil Corporation, acting for ExxonMobil Oil Corporation

NOTE: Check forwarded to Ella Issi

Charlotte U. Harper

Bureau of Indian Affairs
Navajo Region Office
Attn: RRES - Mineral and Mining Section
P.O. Box 1060
Gallup, New Mexico 87305-1060

Ge	nti	0	m	A	n	•
uo	1 I L	C	116	C	8 8	4

The current listing of officers and director of Corporation), of New York	ExxonMobil 0il Corporation (Name of (State) is as follows:
President F.A. Risch Vice President K.T. Koonce Secretary F.L. Reid Treasure B.A. Maher	OFFICERS Address 5959 Las Colinas Blvd. Irving, TX 75039 Address 800 Bell Street Houston, TX 77002 Address 5959 Las Colinas Blvd. Irving, TX 75039 Address 5959 Las Colinas Blvd. Irving, TX 75039
Name P.A. Hanson Name T.P. Townsend Name B.A. Maher Name F.A. Risch Sin	DIRECTORS Address 5959 Las Colinas Blvd. Irving, TX 75039 Gerely, Address Correa
This is to certify that the above information pe is trust and correct as evidenced by the record and in the custody of Corporation Serv	rtaining toExxonMobil Oil Corporation (Corporation) is and accounts covering business for the State ofUtah ice Company (Agent), Phone: 1 (800)927-9800, Oll South Main Street, Salt Lake City. Utah 84111-2218 Signature AGENT AND HITTENEY IN FACT Title

CERTIFICATION

I, the undersigned Assistant Secretary of ExxonMobil Oil Corporation. (formerly Mobil Oil Corporation), a corporation organized and existing under the laws of the State of New York, United States of America, DO HEREBY CERTIFY, That, the following is a true and exact copy of the resolutions adopted by the Board of Directors on May 22, 2001:

CHANGE OF COMPANY NAME

WHEREAS, the undersigned Directors of the Corporation deem it to be in the best interest of the Corporation to amend the Certificate of Incorporation of the Corporation to change the name and principal office of the Corporation:

NOW THEREFORE BE IT RESOLVED, That Article 1st relating to the corporate name is hereby amended to read as follows:

"1st The corporate name of said Company shall be,

ExxonMobil Oil Corporation",

FURTHER RESOLVED, That the amendment of the Corporation's Certificate of Incorporation referred to in the preceding resolutions be submitted to the sole shareholder of the Corporation entitled to vote thereon for its approval and, if such shareholder gives its written consent, pursuant to Section 803 of the Business Corporation Law of the State of New York, approving such amendment, the proper officers of the Corporation be, and they hereby are, authorized to execute in the name of the Corporation the Certificate of Amendment of Certificate of Incorporation, in the form attached hereto;

FURTHER RESOLVED, That the proper officers of the Corporation be and they hereby are authorized and directed to deliver, file and record in its behalf, the Certificate of Amendment of Certificate of Incorporation, and to take such action as may be deemed necessary or advisable to confirm and make effective in all respects the change of this Company's name to EXXONMOBIL OIL CORPORATION.

WITNESS, my hand and the seal of the Corporation at Irving, Texas, this 8th day of June, 2001.

D. U. Prulluc Assistant Secretary

COUNTY OF DALLAS STATE OF TEXAS

UNITED STATES OF AMERICA

Sworn to and subscribed before me at Irving, Texas, U. S. A. on this the 8th day of June, 2001.

Notary Public

LISTING OF LEASES OF MOBIL OIL CORPORATION

Lease Number

- 1) 14-20-0603-6504
- 2) 14-20-0603-6505
- 3) 14-20-0603-6506
- 4) 14-20-0603-6508
- 5) 14-20-0603-6509
- 6) 14-20-0603-6510
- 7) 14-20-0603-7171
- 8) 14-20-0603-7172A
- 9) 14-20-600-3530
- 10) 14-20-603-359
- 11) 14-20-603-368
- 12) 14-20-603-370
- 13) 14-20-603-370A
- 14) 14-20-603-372
- 15) 14-20-603-372A
- 16) 14-20-603-4495
- 17) 14-20-603-5447
- 18) 14-20-603-5448
- 19) 14-20-603-5449
- 20) 14-20-603-5450
- 21) 14-20-603-5451



Auto Value of the South, Suite 1900, Pictuation Texas, 77027-3301 September 1739 237-4600 r February (713) 297-4750

NW Bond

FEDERAL INSURANCE COMPANY RIDER to be attached to and form a part of

BOND NO 8027 31 97 wherein Mobil Oil Corporation and Mobil Exploration and Producing U.S., Inc. is named as Principal and

FEDERAL INSURANCE COMPANY AS SURETY,

in favor of United States of America, Department of the Interior Bureau of Indian Affairs

in the amount of \$150,000.00 bond date: 11/01/65

IT IS HEREBY UNDERSTOOD AND AGREED THAT effective June 1, 2001 the name of the Principal is changed

FROM: Mobil Oil Corporation and Mobil Exploration and Producing U.S., Inc.

TO **ExxonMobil Oil Corporation**

All other terms and conditions of this Bond are unchanged.

Signed, sealed and dated this 12th of June, 2001.

FEDERAL INSURANCE COMPANY

Mary Pierson, Attorney-in-fact





Federal Insurance Company Vigilant Insurance Company **Pacific Indemnity Company**

Attn.: Surety Department 15 Mountain View Road Warren, NJ 07059

Know All by These Presents, That FEDERAL INSURANCE COMPANY, an Indiana corporation, VIGILANT INSURANCE COMPANY, a New York Corporation, and PACIFIC INDEMNITY COMPANY, a Wisconsin corporation, do each hereby constitute and appoint R.F. Bobo,

Mary Pierson, Philana Berros, and Jody E. Specht of Houston, Texas-

each as their true and lawful Attorney-in-Fact to execute under such designation in their names and to affix their corporate seals to and deliver for and on their behalf as surety thereon or otherwise, bonds and undertakings and other writings obligatory in the nature thereof (other than ball bonds) given or executed in the course of business, and any instruments amending or attering the same, and consents to the modification or alteration of any instrument referred to in said bonds or obligations.

In Witness Whereof, said FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY have each executed and attested these presents and affixed their corporate seals on this 10th day of May, 2001.

enneth C. Wendel, Assistant Secreta

STATE OF NEW JERSEY County of Somersel

On this 10th day of May, 2001, before me, a Notary Public of New Jersey, personally carne Kenneth C. Wendel, to me known to be Assistant Secretary of FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY, the companies which executed the foregoing Power of Attorney, and the said Kenneth C. Wendel being by me duly sworm, did depose and say that he is Assistant Secretary of FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY and knows the corporate seals thereof, and that he is a significant to the By-Laws of said Companies; and that he Secretary of PELEKAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC BYLENING I Y COMPANY and knows the corporate scene surrow, that the seals affixed to the foregoing Power of Attorney are such corporate seals and were thereto affixed by authority of the By-Laws of said Companies; and that he signed said Power of Attorney as Assistant Secretary of said Companies by like authority; and that he is acquainted with Frank E. Robertson, and knows him to be Vice President of said Companies; and that the signature of Frank E. Robertson, subscribed to said Power of Attorney is in the genuine handwriting of Frank E. Robertson, subscribed to said Power of Attorney is in the genuine handwriting of Frank E.

Notary Public State of New Jersey

No. 2231647

Maranapore

Commission Expires Qct 28 2004 ON

Extract from the By-Laws of FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY:

"All powers of attorney for and on behalf of the Company may and shall be executed in the name and on behalf of the Company, either by the Chairman or the President or a Vice President or an Assistant Vice President, jointly with the Secretary or an Assistant Secretary, under their respective designations. The signature of such officers may be engraved, printed or lithographed. The signature of each of the following officers: Chairman, President, any Vice President, any Assistant Vice President, any Secretary, any Assistant Secretary and the seal of the Company may be affixed by facsimile to any power of attorney or to any certificate relating thereto appointing Assistant Secretaries or Attorneys-in-Fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any such power of attorney or certificate bearing such facaimile signature or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding upon the Company with respect to any bond or undertaking to which it is attached."

, Kenneth C. Wendel, Assistant Secretary of FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY (the "Companies") do hereby certify that

(i) the foregoing extract of the By-Laws of the Companies is true and correct,

(ii) the Companies are duly Icensed and authorized to transact surety business in all 50 of the United States of America and the District of Columbia and are authorized by the U. S. Tressury Department; further, Federal and Vigilant are licensed in Puerlo Rico and the U. S. Virgin Islands, and Federal is licensed in American Samoa, Guarn, and each of the Provinces of Canada except Prince Edward Island; and

(iii) the foregoing Power of Attorney is true, correct and in full force and effect.

Given under my hand and seals of said Companies at Warren, NJ this <u>12th</u> day of <u>June</u>, 2001







Kenneth

IN THE EVENT YOU WISH TO NOTIFY US OF A CLAIM, VERIFY THE AUTHENTICITY OF THIS BOND OR NOTIFY US OF ANY OTHER MATTER, PLEASE CONTACT US AT ADDRESS LISTED ABOVE, OR BY Telephone (908) 903-3485 Fax (908) 903-3656 e-mail: surety@chubb.com

CSC

CSC.

5184334741

06/01 '01 08:46 NO.410 03/09

06/01 '01 09:06 NO.135 02/04

F010601000 187

CERTIFICATE OF AMENDMENT

OF

CERTIFICATE OF INCORPORATION

o'r

CSC 45

MOBIL OIL CORPORATION

(Under Section 805 of the Business Corporation Law)

Pursuant to the provisions of Section 805 of the Business Corporation Law, the undersigned President and Secretary, respectively, of Mobil Oil Corporation hereby cartify:

FIRST: That the name of the corporation is MOBIL OIL CORPORATION and that said corporation was incorporated under the name of Standard Oil Company of New York.

SECOND: That the Certificate of Incorporation of the corporation was filed by the Department of State, Albany, New York, on the 10th day of August, 1882.

THIRD: That the smendments to the Certificate of Incorporation effected by this Certificate are as follows:

- (a) Article 1st of the Certificate of Incorporation, relating to the corporate name, is hereby amended to read as follows:
 - "1st The corporate name of said Company shall be, ExconMobil Oil Corporation",
- (b) Article 7th of the Cartificate of Incorporation, relating to the office of the corporation is hereby smended to read as follows:

The office of the corporation within the State of New York is to be located in the County of Albany. The Company shall have offices at such other places as the Board of Directors may from time to time determine.

CSC CSC

5184334741

06/01 '01 08:47 NO.410 04/05

FOURTH: That the amendments to the Certificate of Incorporation were authorized by the Board of Directors followed by the holder of all outstanding shares entitled to vote on amendments to the Certificate of Incorporation by written consent of the sole shareholder dated May 22, 2001.

IN WITNESS WHEREOF, this Certificate has been signed this <u>22nd</u> Day of May, 2001.

F. A. Risch, President

STATE OF TEXAS
COUNTY OF DALLAS

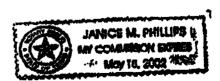
F. L. REID, being duly sworn, deposes and says that he is the Secretary of MOBIL OIL CORPORATION, the corporation mentioned and described in the foregoing instrument; that he has read and signed the same and that the statements contained therein are true.

F. L. REID, Secretary

SUBSCRIBED AND SWORN TO before me, the undersigned authority, on this the 224 day of May, 2001.

[SEAL]

NOTARY PUBLIC, STATE OF TEXAS



CSC CSC

: "

5184334741

06/01 '01 09:01 NO.411 02/02 **-01**0601000187

CSC 45

CERTIFICATE OF AMENDMENT

OF

MOBIL OIL CORPORATION

Under Section 805 of the Business Corporation Law

100 STATE OF NEW YORK

FILED JUN 0 1 2001

TAX S

Filed by: EXXONMOBIL CORPORATION

5959 Les Colines Blvd

(Mailing address)

Irving, TX 75039-2298

(City, State and Zip code)

JUL 6 5 2001

010601000

,TEL=5184334741

06/01'01 08:19

=> CSC

State of New York }
Department of State }
ss:

I hereby certify that the annexed copy has been compared with the original document in the custody of the Secretary of State and that the same is a true copy of said original.

Witness my hand and seal of the Department of State on JUN 01 2001



Special Deputy Secretary of State

bleul

DOS-1266 (7/00)

ExxonMobil Production Comp.
U.S. West
P.O. Box 4358
Houston, Texas 77210-4358

June 27, 2001



Mr. Jim Thompson State of Utah, Division of Oil, Gas and Mining 1549 West North Temple Suite 1210 Salt Lake City, UT 84114-5801

Change of Name – Mobil Oil Corporation to ExxonMobil Oil Corporation

Dear Mr. Thompson

Effective June 1, 2001, Mobil Oil Corporation (MOC) changed its name to ExxonMobil Oil Corporation (EMOC). This was a name change only; EMOC is the same corporation as Mobil Oil Corporation, but with a new name. No facility or other asset was transferred from one corporation to another by virtue of the name change. Specifically, EMOC will remain the owner and operator of its existing exploration and production oil and gas properties and facilities, as well as relevant permits.

There is no change to the name of Exxon Mobil Corporation, the ultimate shareholder of EMOC.

Please note the change of name of MOC to ExxonMobil Oil Corporation in your records pertaining to any MOC permits.

The Federal Identification Number for MOC (13-5401570) will remain the same for EMOC.

A copy of the Certification, Bond Rider and a list of wells are attached.

If you have any questions please feel free to call Joel Talavera at 713-431-1010

Very truly yours, Charlotte J. Darper

Charlotte H. Harper Permitting Supervisor

ExxonMobil Production Company a division of Exxon Mobil Corporation, acting for ExxonMobil Oil Corporation

377 **29 2001**

DILISION OF OIL, GAS AND MINING

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United States Department of the Interior

BUREAU OF INDIANAFEAURS NAVATORECTON

P.O. Box 1060 Gallup, New Mexico 87305-1060

RRES/543

AUG 3 0 2001

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Charlotte H. Harper, Permitting Supervisor Exxon Mobil Production Company U. S. West P. O. Box 4358 Houston, TX 77210-4358

Dear Ms. Harper:

This is to acknowledge receipt of your company's name change from Mobil Oil Corporation to ExxonMobil Oil Corporation effective June 1, 2001. The receipt of documents includes the Name Change Certification, current listing of Officers and Directors, Listing of Leases, Financial Statement, filing fees of \$75.00 and a copy of the Rider for Bond Number 8027 31 97. There are no other changes.

Please note that we will provide copies of these documents to other concerned parties. If you need further assistance, you may contact Ms. Bertha Spencer, Realty Specialist, at (928) 871-5938.

Sincerely,

CENNI DENETSONE

Regional Realty Officer

cc: BLM, Farmington Field Office w/enclosures
Navajo Nation Minerals Office, Attn: Mr. Akhtar Zaman, Director/w enclosures

Committee of the Commit	MERETAL RESOURCES ADM J
	O&G INJHERE YEAM
	ALL TEAM LEADERS LAND RESOURCES ENVIRONMENT FILES

Form 3160-5 (August 1999)

ED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0135

Expires November 30, 2000

5.	Lease	Serial	No.
~			

See Listing of Locations

50	~ _	12(11)	g or	14	vai
6.	If I	ndian	All	ttee	~

30	MANY MOLICES WAD KE	PORISON	IWELLS			Dooddons	
Do no Abando	Do not use this form for proposals to drill or to re-enter an Abandoned well. Use Form 3160-3 (APD) for such proposals.					ottee or Tribe Na UBAL	une
					7. If Unit or CA	/Agreement, Na	me and/or No.
SUBMIT IN T	RIPLICATE - Other instru	ctions on	reverse side		Mc Elmo Cre	ek Unit	
 Type of Well ☐ Oil Well ☐ Gas Well 	☑ Other				8. Well Name a		
2. Name of Operator					See Listing o		
Mobil Producing TX & N					See Listing of		
*Mobil Exploration & Proc	lucing US Inc as agent for l						
P.O. Box 4358, Houston, T	X 77210-4358	713-4	none No. <i>(include</i> 31 - 1022	e area code)	Field and Po Greater Anet	h	у Агеа
4. Location of Well (Footage, See See Listing of Locations	c., T.,R.,M., or Survey Description	1)			11. County or Pa San Juan, U		
12. CHECK APP	ROPRIATE BOX(ES) TO	INDICAT	E NATIDE (OF NOTICE I	PEPOPT OR	OTHER DATE	
TYPE OF SUBMISSION	2011(28) 10	INDICATI		OF ACTION	CLI OKI, OK	JINEK DAI	<u>A</u>
Notice of Intent	☐ Acidize ☐	Deepen		Production (Sta	rt/Resume)	☐ Water Shut	-Off
Notice of Intent	☐ Alter Casing ☐	Fracture T	reat [] Reclamation		☐ Well Integ	rity
☐ Subsequent Report	Casing Repair	New Cons	truction [Recomplete			Cement Pads
☐ Final Abandonment Notice	☐ Change Plans	Plug and A	Abandon [] Temporarily Al	oandon		
13. Describe Proposed or Complete] Plug Back	_] Water Disposal			
In July 2000, Davis Be Creek well locations. Mobil Exploration & F Balderaz of the BLM. Vleast thirty-six (36) inch McElmo Creek Unit F-2 McElmo Creek Unit H-1 McElmo Creek Unit H-1 McElmo Creek Unit H-2 McElmo Creek Uni	22 / Sec 13-T41S-R24E SV 11 / Sec 32-T40S-R25E NE 11 / Sec 36-T40S-R24E NV 22 / Sec 18-T41S-R25E SW 23 / Sec 13-T41S-R24E NV 25 / Sec 12-T41S-R24E NV 26 / Sec 01-T41S-R24E NV 27 / Sec 13-T41S-R24E NV 28 / Sec 13-T41S-R24E NV 29 / Sec 13-T41S-R25E NV	concerns acing US 1 Inc. response onsite but V/NW / Lett/NW / Lett	about concre inc. as agent inded to these rial of these case # 14-20-6 ase # 14-20-6	te pads located for Mobil Proconcerns in concerns in concrete pads. 503-370 / API 503-372 / API 503-263 / API 503-263 / API 503-4039 / API 503-370 / API	mpletion or recomquirements, included at or near the ducing Texas our August 7, All pads will be a seen of the ducing Texas our August 7, All pads will be a seen our August 7, All pads will be a seen our August 7, All pads will be a seen our August 7, All pads will be a seen our August 7, All pads will be a seen our August 143-037-16348 1 43-037-15495 1 43-037-1550 1 43-037-1550 1 43-037-1550	pletion in a new ing reclamation, lee below listed & New Mexi 2000, letter 1 e buried to a d	interval, a Form have been d McElmo ico Inc. & to Vincent depth of at
Name (Printed/Typed)	ng is true and correct						
Mark Del Pico			Title Reg	ulatory Spec	cialist		
Signature W. D.	el Pini		Date 10/1				
	THIS SPACE FO	R FEDER	AL OR STAT	E OFFICE US	E		
				Accepte	d by the		
Approved By	attached Assessed California		Title	Utah Div		Date	COLONES TO SAL
Conditions of approval, if any, are warrant or certify that the applicant I the subject lease which would entitle	holds legal or equitable title to the	ose rights in	Office O		nd Mining	g Forcered	TIE HELESTY

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH 2. CDW 3. FILE

Change of Operator (Well Sold)

Designation of Agent

X Operator Name Change

Merger

The operator of the well(s) listed below has changed,	effective:	06-01-2001				
FROM: (Old Operator):		TO: (New O	perator):			
MOBIL EXPLORATION & PRODUCTION	1	EXXONMOBI	L OIL COP	PORATION	1	
Address: P O BOX DRAWER "G"	1	Address: U S V				
	1					
CORTEZ, CO 81321	1	HOUSTON, T	X 77210-43	58		
Phone: 1-(970)-564-5212	1	Phone: 1-(713)	-431-1010			
Account No. N7370	1	Account No.	N1855			
CA No.	·	Unit:	MCELMO	O CREEK		
WELL(S)						
	SEC TWN	API NO	ENTITY	LEASE	WELL	WELL
NAME	RNG		NO	TYPE	TYPE	STATUS
MCELMO CREEK Q-12A	32-40S-25E	43-037-31677	5980	INDIAN	WI	A
NAVAJO TRIBE P-20 (R-09)		43-037-16147	5980	INDIAN	WI	A
NAVAJO P-9 (S-12)		43-037-16150		INDIAN	WI	Α
NAVAJO TRIBE P-13 (U-12)		43-037-16155		INDIAN	WI	A
MCELMO CR T-09A		43-037-30080		INDIAN	WI	A
NAVAJO TRIBE P-15 (S-10)		43-037-16375		INDIAN	WI	A
NAVAJO TRIBE P-16 (U-10)		43-037-16381		INDIAN	WI	A
MCELMO CR R-11A		43-037-30179		INDIAN	WI	A
MCELMO CREEK G-14		43-037-16143		INDIAN	WI	A
NAVAJO TRIBE R-5 (MCELMO G-16)		43-037-16144		INDIAN	WI	Α
MCELMO CREEK I-14		43-037-16145		INDIAN	WI	A
NAVAJO 13-2 (MCELMO H-15)		43-037-15495		INDIAN	WI	A
NAVAJO TRIBE R-4 (MCELMO F-13)		43-037-16345		INDIAN	WI	A
NAVAJO TRIBE R-2 (MCELMO H-13)		43-037-16351		INDIAN	WI	A
MCELMO CREEK U F-15A		43-037-31149		INDIAN	WI	A
MCELMO CREEK E-16		43-037-15616		INDIAN	WI	A
MCELMO CREEK C-14		43-037-16265		INDIAN	WI	A
MCELMO CREEK E-14		43-037-16268		INDIAN	WI	A
NAVAJO TRIBE 2B (MCELMO D-13)		43-037-16267		INDIAN	WI	A
NAVAJO C-2 (MCELMO D-15)		43-037-16341		INDIAN	WI	A
OPERATOR CHANGES DOCUMENTATION Enter date after each listed item is completed 1. (R649-8-10) Sundry or legal documentation was received				06/29/2001		•
2. (R649-8-10) Sundry or legal documentation was received	from the NEV	V operator on:	06/29/200	1		
3. The new company has been checked through the Departn	nent of Comm	erce, Division	of Corpora	tions Datab	ase on:	04/09/2002
4. Is the new operator registered in the State of Utah:	YES	Business Numb	per:	579865-014	3	
5. If NO , the operator was contacted contacted on:	N/A	_				

6.	Federal and Indian Lease Wells: The BLM and or the BIA has approve or operator change for all wells listed on Federal or Indian leases on: BIA-06/01/	_	ame change,	
7.	Federal and Indian Units:			
	The BLM or BIA has approved the successor of unit operator for wells listed on:	06/01/2001		
8.	Federal and Indian Communization Agreements ("CA"): The BLM or BIA has approved the operator for all wells listed within a CA on:	N/A		
9.	Underground Injection Control ("UIC") The Division has approve for the enhanced/secondary recovery unit/project for the water disposal well(s) listed	d on: 04/	ansfer of Authorit /16/2002 EPA ISSUES UIC	
D	ATA ENTRY:			
1.	Changes entered in the Oil and Gas Database on: 04/16/2002			
2.	Changes have been entered on the Monthly Operator Change Spread Sheet on:	04/16/2002		
3.	Bond information entered in RBDMS on: N/A			
4.	Fee wells attached to bond in RBDMS on: N/A			
S	TATE WELL(S) BOND VERIFICATION:			
1.	State well(s) covered by Bond Number: N/A			
F	EDERAL WELL(S) BOND VERIFICATION:			
1.	Federal well(s) covered by Bond Number: N/A			
IN 1.	Indian well(s) covered by Bond Number: 80273197			·
F	EE WELL(S) BOND VERIFICATION:			
1.	(R649-3-1) The NEW operator of any fee well(s) listed covered by Bond Number	N/A		
2.	The FORMER operator has requested a release of liability from their bond on: The Division sent response by letter on: N/A	N/A		
	EASE INTEREST OWNER NOTIFICATION: (R649-2-10) The FORMER operator of the fee wells has been contacted and informe of their responsibility to notify all interest owners of this change on: N/A	d by a letter from t	he Division	
C	DMMENTS:			
_				

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET

R	OUTING	
1.	DJJ	1
2.	CDW	

X Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:		6/1/2006	We will be
FROM: (Old Operator):	TO: (New Operator):		
N1855-ExxonMobil Oil Corporation	N2700-Resolute Natura	l Resources Company	
PO Box 4358	1675 Broadway,		
Houston, TX 77210-4358	Denver, CO 802	02	
Phone: 1 (281) 654-1936	Phone: 1 (303) 534-460		
CA No.	Unit:	MC ELMO (UIC)	
OPERATOR CHANGES DOCUMENTATION			
Enter date after each listed item is completed	EODMED anarotar and	4/21/2006	
1. (R649-8-10) Sundry or legal documentation was received from the		4/24/2006	
2. (R649-8-10) Sundry or legal documentation was received from the			6/7/2006
3. The new company was checked on the Department of Commerce		-	0///2000
	Business Number:	5733505-0143	
5. If NO , the operator was contacted contacted on:	11		
6a. (R649-9-2)Waste Management Plan has been received on:	requested		
6b. Inspections of LA PA state/fee well sites complete on:	n/a		
6c. Reports current for Production/Disposition & Sundries on:	ok		
7. Federal and Indian Lease Wells: The BLM and or the I	BIA has approved the	e merger, name change	,
or operator change for all wells listed on Federal or Indian leases of	on: BLM	n/a BIA	not yet
8. Federal and Indian Units:			
The BLM or BIA has approved the successor of unit operator fo	r wells listed on:	not yet	
9. Federal and Indian Communization Agreements ("			
The BLM or BIA has approved the operator for all wells listed v	within a CA on:	n/a	
10. Charles and the control of the c		Form 5, Transfer of Autl	iority to
Inject, for the enhanced/secondary recovery unit/project for the w	ater disposal well(s) liste	d on: 6/12/2006	
DATA ENTRY:			
1. Changes entered in the Oil and Gas Database on:	6/22/2006	5 (B B (B 0 0 5	
2. Changes have been entered on the Monthly Operator Change Sp	1000400	6/22/2006	
3. Bond information entered in RBDMS on:	n/a 		
4. Fee/State wells attached to bond in RBDMS on:	6/22/2006		
5. Injection Projects to new operator in RBDMS on:6. Receipt of Acceptance of Drilling Procedures for APD/New on:	n/a		
BOND VERIFICATION:		400 100 100 100 100 100 100 100 100 100	
1. Federal well(s) covered by Bond Number:	n/a		
2. Indian well(s) covered by Bond Number: 2. Indian well(s) covered by Bond Number:	PA002769		
3. (R649-3-1) The NEW operator of any fee well(s) listed covered b		n/a	
a. The FORMER operator has requested a release of liability from the			
The Division sent response by letter on:	n/a		
LEASE INTEREST OWNER NOTIFICATION:	<i>y</i> 3		2
4. (R649-2-10) The FORMER operator of the fee wells has been con	tacted and informed by a	letter from the Division	
of their responsibility to notify all interest owners of this change or			
COMMENTS:			

STATE OF UTAH **DEPARTMENT OF NATURAL RESOURCES** DIVISION OF OIL, GAS AND MINING

TRANSFER OF AUTHORITY TO INJECT							
Well Name and Number See attached list	100000	API Number Attached					
Location of Well Footage: See attached list	County : San Juan	Field or Unit Name McElmo Creek Unit					
QQ, Section, Township, Range:	State: UTAH	Lease Designation and Number See attached list					

EFFECTIVE DATE OF TRANSFER: 6/1/2006

CURRENT OF	ERATOR		
Company:	Exxon Mobil Oil Corporation	Name:	
Address:	PO Box 4358	Signature:	
	city Houston state TX zip 77210-4358	Title:	
Phone:	(281) 654-1936	Date:	
Comments:	Exxon Mobil has submitted a separate, signed cop	ov of UIC Form 5	
Gorillicitis.	Exxon Mobil has submitted a separate, signed cop	by of OIC Form 5	

NEW OPERAT	FOR		
Company:	Resolute Natural Resources Company	Name:	Dwight E Mallory
Address:	1675 Broadway, Suite 1950	Signature:	Ju Elly
	city Denver state CO zip 80202	Title:	Regulatory Coordinator
Phone:	(303) 534-4600	Date:	4/20/2006
Comments:	A list of affected UIC wells is attached. New bond numbers for these wells are: BIA Bond # PA002769 and US EPA Bond # B001252		

(This space for State use only)

Transfer approved by:

Approval Date: b/12/06

Comments:

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STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES

	5. LEASE DESIGNATION AND SERIAL NUMBER: See attached list			
SUNDR	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Navajo Tribe			
Do not use this form for proposals to drill drill horizontal	7. UNIT or CA AGREEMENT NAME: McElmo Creek Unit			
1. TYPE OF WELL OIL WELL		Unit Agreeme		8. WELL NAME and NUMBER: See attached list
2. NAME OF OPERATOR:	ces Company N2700	200	4.0	9. API NUMBER:
Resolute Natural Resour	ces Company / 4 / 10 C		PHONE NUMBER:	Attached 10. FIELD AND POOL, OR WILDCAT:
1675 Broadway, Suite 1950	TY Denver STATE CO	_{ZIP} 80202	(303) 534-4600	Greater Aneth
4. LOCATION OF WELL			F-D MALSANIAN	Acoustic Publication
FOOTAGES AT SURFACE: See a	inacijao list			COUNTY: San Juan
QTR/QTR, SECTION, TOWNSHIP, RA	NGE, MERIDIAN:			STATE: UTAH
11. CHECK APP	PROPRIATE BOXES TO INDICA	ATE NATURE	OF NOTICE, REPO	RT, OR OTHER DATA
TYPE OF SUBMISSION		Ţ	YPE OF ACTION	
NOTICE OF INTENT	ACIDIZE	DEEPEN		REPERFORATE CURRENT FORMATION
(Submit in Duplicate)	ALTER CASING	FRACTURE		SIDETRACK TO REPAIR WELL
Approximate date work will start:	CASING REPAIR	MEW CONS		TEMPORARILY ABANDON
	CHANGE TO PREVIOUS PLANS CHANGE TUBING	OPERATOR PLUG AND		TUBING REPAIR
SUBSEQUENT REPORT	CHANGE WELL NAME	PLUG BACK		VENT OR FLARE WATER DISPOSAL
(Submit Original Form Only)	CHANGE WELL STATUS	_	ON (START/RESUME)	WATER SHUT-OFF
Date of work completion:	COMMINGLE PRODUCING FORMATIONS	=	ON OF WELL SITE	OTHER:
	CONVERT WELL TYPE	RECOMPLE	TE - DIFFERENT FORMATION	
12. DESCRIBE PROPOSED OR C	OMPLETED OPERATIONS. Clearly show al	all pertinent details inc	cluding dates, depths, volume	es, etc.
Effective June 1, 2006 Ex Resolute Natural Resource	xxon Mobil Oil Corporation resign ces Company is designated as s	ns as operator successor oper	of the McElmo Cree ator of the McElmo	ek Unit. Also effective June 1, 2006 Creek Unit.
A list of affected producin UIC Form 5, Transfer of A	ng and water source wells is atta Authority to Inject.	iched. A separa	ate of affected injecti	on wells is being submitted with
As of the effective date in	oond coverage for the affected w	velle will transfo	urto BIA Bond # BAC	002760
As of the elective date, p	ond coverage for the affected w	vens will transfe	II to bia bond # FAC	J02769.
NAME (PLEASE PRINT) Dwight E	Mallory)	TITLE	Regulatory Coord	linator
1. d 21	1/2		4/20/2006	
SIGNATURE 0.9	\rightarrow	DATE	4/20/2000	
(This space for State use only)			AS I	
APPRO	WED 6 122101			DEOE
	OVED 6 122106			RECEIVED
Ca	Lleve KILLAROD			ADD 0

(5/2000)

Division of Oil, Gas and Mining (See Instructions on Reverse Side)
Earlene Russell, Engineering Technician

APR 2 4 2006

DIV. OF OIL, GAS & MINING

	n.e	STATE OF UTAH EPARTMENT OF NATURAL RESO	LIBOE	6		FORM 9
DIVISION OF OIL, GAS AND MINING						SE DESIGNATION AND SERIAL NUMBER:
S	UNDRY N	IOTICES AND REPOR	TS C	N WELLS	Shi	NDIAN, ALLOTTEE OR TRIBE NAME: PROCK T OF CA AGREEMENT NAME:
Do not use this form for pro	posals to drill new v frill horizontal lateral	wells, significantly deepen existing wells below ils. Use APPLICATION FOR PERMIT TO DRI	current b	ottom-hole depth, reenter plugged wells, or to or such proposals.		J68930A
1. TYPE OF WELL	OIL WELL	GAS WELL OTHER	njec	ction		LL NAME and NUMBER: Elmo Creek
2. NAME OF OPERATOR:		1110				NUMBER:
ExxonMobil Oil C 3. ADDRESS OF OPERATO		N 1855		PHONE NUMBER:		Ched ELD AND POOL, OR WILDCAT:
P.O. Box 4358		louston STATE TX	_{ZIP} 772		Ane	SERVICE SERVICE CONTRACTOR CONTRA
4. LOCATION OF WELL FOOTAGES AT SURFAC	E:		III 0	大概是1000年		ry: San Juan
QTR/QTR, SECTION, TO	WNSHIP, RANGÉ,	MERIDIAN:			STATE	: UTAH
11. CHE	CK APPRO	PRIATE BOXES TO INDICA	ATE N	IATURE OF NOTICE, REPO	RT, O	R OTHER DATA
TYPE OF SUBMI	SSION			TYPE OF ACTION		
NOTICE OF INTER	JT C	ACIDIZE		DEEPEN		REPERFORATE CURRENT FORMATION
(Submit in Duplicat		ALTER CASING		FRACTURE TREAT		SIDETRACK TO REPAIR WELL
Approximate date wor	k will start:	CASING REPAIR		NEW CONSTRUCTION		TEMPORARILY ABANDON
6/1/2006	ļ[CHANGE TO PREVIOUS PLANS	√	OPERATOR CHANGE		TUBING REPAIR
		CHANGE TUBING		PLUG AND ABANDON		VENT OR FLARE
SUBSEQUENT RE		CHANGE WELL NAME		PLUG BACK		WATER DISPOSAL
Date of work completion	· · · · · · · · · · · · · · · · · · ·	CHANGE WELL STATUS		PRODUCTION (START/RESUME)		WATER SHUT-OFF
bate of work complete	<u> </u>	COMMINGLE PRODUCING FORMATION	ıs 🔲	RECLAMATION OF WELL SITE		OTHER:
		CONVERT WELL TYPE		RECOMPLETE - DIFFERENT FORMATION		
ExxonMobil Oil C Resources Comp	Corporation is pany. All cha	s transferring operatorship o	of Grea	ent details including dates, depths, volument ater Aneth field, McElmo Cree e made effective as of 7:00 A ransfer.	ek leas	
i i	aurie Kilbrid	de .		Permitting Super	visor	NO ASSERTING THE STATE OF THE S

(This space for State use only)

Eprline Russell

Division of Oil, Gas and Mining Earlene Russell, Engineering Technician RECEIVED APR 2 1 2006

DIV. OF OIL, GAS & MINING

4/19/2006

GREATER ANETH FIELD UIC WELL LIST McElmo Creek lease, San Juan County, Utah

		¥ 11				(A)					
D		1		1001 MAN					ace Lo		
Reg Lease Name	Well ID	API Num	Status	Reg Lease #	Qtr 1	Qtr 2	Sec	TN	RNG	NS Foot	EW Foot
MOET NO OBSET	1111	7-11-11-11-1									
MCELMO CREEK	H11	430371635000S1	Active	14-20-0603-6145	NW	SE	36	40S	24E	1855FSL	2100FEL
MCELMO CREEK	l12	430371561900S1	Active	14-20-0603-6145	SE	SE	36	40S	24E	0595FSL	0595FEL
	540								KI .	0	
MCELMO CREEK	F11	430371561700S1	Shut-in	14-20-0603-6146	NW	SW	36	40S	24E	1885FSL	0820FWL
MCELMO CREEK	G12	430371561800S1	Active	14-20-0603-6146	SE	SW	36	40S	24E	1910FNL	2051FWL
										2000	
MCELMO CREEK	D15	430371634100S1	Active	14-20-0603-6147	NW	SE	2	41S	24E	1830FSL	1830FEL
									-0:		1
MCELMO CREEK	A17	430371633800S1	Active	14-20-0603-6148	NE	NE	10	41S	24E	1270FNL	0660FEL
			555								
MCELMO CREEK	C14	430371626500S1	Active	14-20-0603-6509	SE	NW	2	41S	24E	2140FNL	2140FWL
MCELMO CREEK	D13	430371626700S1	Active	14-20-0603-6510	NW	NE	2	41S	24E	0820FNL	1920FEL
MCELMO CREEK	E14	430371626800S1	Active	14-20-0603-6510	SE	NE	2	415		2050FNL	0500FEL
			100								0000. 22
MCELMO CREEK	T08	430371637700S1	Shut-in	14-20-603-2048A	sw	SE	28	40S	25E	0660FSL	1980FEL
		7/	****							OCCOL OF	10001 EE
MCELMO CREEK	R09	430371614700S1	Active	14-20-603-2057	NW	NW	33	40S	25F	0500FNL	0625FWL
MCELMO CREEK	R11A	430373017900S1	Active	14-20-603-2057	NW	SW	33	408		2030FSL	0680FWL
MCELMO CREEK	R13	430371614800S1	Active	14-20-603-2057	NW	NW	4	41S		0660FNL	0660FWL
MCELMO CREEK	R15	430371614900S1	Active	14-20-603-2057	NW	SW	4	41S		1990FSL	0500FWL
	S10	430371637500S1	Active	14-20-603-2057	SE	NW	33	40S		1980FNL	1980FWL
	S12	430371615000S1	Active	14-20-603-2057		SW	33	40S		0645FSL	2140FWL
		430371615100\$1	Active	14-20-603-2057		NW	4	415		2005FNL	
	S16	430371615200S1	Active	14-20-603-2057	-	SW	4	41S		0700FSL	1820FWL
MCELMO CREEK	T09A	430373008000S1	Active	14-20-603-2057		_	100	405		0940FNL	1820FWL
	T13	430371637800S1	Active	14-20-603-2057		NE		418			2035FEL
	T15	430371637900S1	Active	14-20-603-2057				415		0500FNL	2090FEL
	U10	430371638100S1	Active	14-20-603-2057						1880FSL	1890FEL
	U12	430371615500S1	Active	14-20-603-2057						1980FNL	0610FSL
		430371615600S1	Active	14-20-603-2057						0660FSL	0805FEL
	U16	430371615700S1						415		1980FNL	0660FEL
		430371613700S1 430371638300S1	Active	14-20-603-2057				415		0550FSL	0745FEL
			Active	14-20-603-2057				415		0660FNL	0660FWL
WOLLING CIVELY	V 15	430371638400S1	Active	14-20-603-2057	NW	SW	3	41S	25E	1980FSL	0560FWL
MCELMO CREEK	J17	420274E40000C4	A attion	44.00.000.000	1						
		430371549800S1	Active	14-20-603-263						0820FNL	0550FWL
		430371635600S1	Active	14-20-603-263				418	_	2056FNL	1997FWL
		430371549900S1	Active	14-20-603-263				415		0400FNL	0575FWL
		430371635700S1	Active	14-20-603-263				415		1830FNL	1808FWL
~		430371550300S1	Active	14-20-603-263			-	415		0660FSL	1810FWL
		430373040000S1	Active	14-20-603-263				41S		2082FNL	1588FWL
		430371635800S1	Active	14-20-603-263			_	415		0660FSL	1801FWL
		430371636000S1	Active	14-20-603-263				41S		0660FNL	1980FEL
		430371550500S1	Active	14-20-603-263				41S		1860FSL	2140FEL
		430371550600S1	Active	14-20-603-263				41S		0820FNL	1980FEL
		430371550700S1	Active	14-20-603-263			18	41S	25E	1980FSL	1980FEL
			Active	14-20-603-263			7	41S	25E	1850FNL	0790FEL
			Shut-in	14-20-603-263			7	41S :	25E	0660FSL	0660FEL
		430371551400S1	Active	14-20-603-263	NW	NW (41S		0810FNL	0660FWL
	N19	430371551500S1	Active	14-20-603-263				415			0500FWL
MCELMO CREEK	N21	430371551600S1	Active	14-20-603-263			-	41S			0660FWL
			Active	14-20-603-263			_	41S		1830FNL	1890FWL

GREATER ANETH FIELD UIC WELL LIST McElmo Creek lease, San Juan County, Utah

								Surfa	ice Lo	cation	
Reg Lease Name	Well ID	API Num	Status	Reg Lease #	Qtr 1	Qtr 2	Sec	TN		NS Foot	EW Foot
1 1 1 2 0 0 12 1			- Clarac	i tog zodoo ii	190.	Q.(,	1000		1410	140 1 000	LVV 1 OOL
MCELMO CREEK	P19	430371552000S1	Active	14-20-603-263	NW	SE	8	415	25E	2140FSL	1980FEL
MCELMO CREEK	P21	430371636900S1	Active	14-20-603-263	NW	NE	17		25E	0660FNL	1980FEL
MCELMO CREEK	P23A	430373143900S1	Active	14-20-603-263	sw	NE	17			2531FNL	2325FEL
				555						-37	
MCELMO CREEK	L25	430371550800S1	Active	14-20-603-264	NW	NE	19	41S	25E	0660FNL	1980FEL
			V.II.							102	1,1,1,1,1
MCELMO CREEK	R17	430371597600S1	Active	14-20-603-359	NW	NW	9	41S	25E	0740FNL	0560FWL
MCELMO CREEK	R19	430371637300S1	Active	14-20-603-359	NW	sw	9	41S		1980FSL	0660FWL
MCELMO CREEK	R21	430371637400S1	Active	14-20-603-359	NW	NW	16			0511FNL	0562FWL
MCELMO CREEK	T17	430371638000S1	Active	14-20-603-359	NW	NE	9	_	25E	0675FNL	1933FEL
MCELMO CREEK	E21	430371634300S1	Active	14-20-603-370	NE	NE	14	41S	24E	0660FNL	0660FEL
MCELMO CREEK	E23	430371634400S1	Active	14-20-603-370	NE	SE	14	41S		2031FSL	0711FEL
MCELMO CREEK	G21A	430373097400S1	Active	14-20-603-370	NE	NW	13	41S		0867FNL	1883FWL
MCELMO CREEK	G23	430371634800S1	Shut-in	14-20-603-370	NE	SW	13	41S	24E	2092FSL	1899FWL
MCELMO CREEK	G25	430371634900S1	Active	14-20-603-370	NE	NW	24	41S	24E	0660FNL	1980FWL
MCELMO CREEK	123	430371635200S1	Active	14-20-603-370	NE	SE	13	41S	24E	1980FSL	0660FEL
MCELMO CREEK	125	430371635300S1	Active	14-20-603-370	NE	NE	24	41S	24E	0530FNL	0820FEL
MCELMO CREEK	J11	430371635400S1	TA'd	14-20-603-372	NW	SW	31	40S	25E	1980FSL	0660FWL
MCELMO CREEK	J13	430371635500S1	Active	14-20-603-372	NW	NW	6	41S	25E	0621FNL	0580FWL
MCELMO CREEK	J15	430371595400S1	Active	14-20-603-372	NW	SW	6	41S		1980FSL	0500FWL
MCELMO CREEK	K12	430371595500S1	Active	14-20-603-372	SW	SW	31	40S	25E	0670FSL	1970FWL
MCELMO CREEK	K14	430371595600S1	Active	14-20-603-372	SE	NW	6	41S	25E	1851FNL	1885FWL
MCELMO CREEK	K16	430371595700S1	Active	14-20-603-372	SE	SW	6	418	25E	0660FSL	1816FWL
MCELMO CREEK	L09	430371635900S1	Active	14-20-603-372	NW	NE	31	40S		0660FNL	1980FEL
MCELMO CREEK	L13	430371595900S1	Active	14-20-603-372	NW	NE	6	418		0778FNL	1917FEL
MCELMO CREEK	L15	430371596000S1	Active	14-20-603-372	NW	SE	6	41S		1820FSL	1830FEL
MCELMO CREEK	M10	430371596100S1	Shut-in	14-20-603-372	SE	NE	31	40S	=	1980FNL	0530FEL
MCELMO CREEK	M12	430371596200S1	Active	14-20-603-372	SE	SE	31	40S		0590FSL	0585FEL
MCELMO CREEK	M14	430371596300S1	Active	14-20-603-372	SE	NE		41S		2089FNL	0773FEL
MCELMO CREEK	M16	430371636100S1	Active	14-20-603-372	SE	_		41S		0660FSL	0660FEL
MCELMO CREEK	N09	430371596400S1	Shut-in	14-20-603-372	NW			40S		0628FNL	0615FWL
MCELMO CREEK	N11	430371596500S1	Active	14-20-603-372	NW	SW		40S		2069FSL	0618FWL
	N13	430371596600S1	Active	14-20-603-372	NW	NW				0840FNL	0505FWL
	N15	430371636300S1	Active	14-20-603-372	NW			418	25E	2140FSL	820FWL
MCELMO CREEK	012	430371596800S1	Active	14-20-603-372				40S		0809FSL	1832FWL
	014	430371636500S1	Active	14-20-603-372				41S		2056FNL	1997FWL
	016	430371596900S1	Active	14-20-603-372				415		0660FSL	1980FWL
	P09	430371636700S1	Active	14-20-603-372				40S		0598FNL	2100FEL
	P11	430371597101S2	Active	14-20-603-372			$\overline{}$	40S		2105FSL	2006FEL
	P13	430371636800S1	Active	14-20-603-372				41S		0610FNL	1796FWL
	P15	430371597200S1	Active	14-20-603-372				418		1980FSL	1980FEL
MCELMO CREEK	Q10	430371597301S1	Active	14-20-603-372			$\overline{}$	40S			0532FEL
MCELMO CREEK	Q16	430371597500S1	TA'd	14-20-603-372	SE	SE	5	41S	25E	0660FSL	0660FEL
MOELMO ODEEK	F42	40007400450004	A . 12	44.00.000.1000	1,0			1.5			
	F13	430371634500S1	Active	14-20-603-4032				415			0535FWL
	F15A	430373114900S1	Active	14-20-603-4032				415			0624FWL
MCELMO CREEK	G14	430371614300S1	Active	14-20-603-4032				415		1980FNL	1980FWL
MCELMO CREEK	G16	430371614400S1	Active	14-20-603-4032				415		0820FSL	1820FWL
	H13	430371635100S1	Active	14-20-603-4032		NE		41S			2110FEL
MCELMO CREEK	I-14	430371614500S1	Active	14-20-603-4032	SE	NE	1	41S	24E	1980FNL	0660FEL

GREATER ANETH FIELD UIC WELL LIST McElmo Creek lease, San Juan County, Utah

)=		70 - D.: 200		3/		=88		Surfa	ce Loc	ation	
Reg Lease Name	Well ID	API Num	Status	Reg Lease #	Qtr 1	Qtr 2	Sec	TN	RNG	NS Foot	EW Foot
								NSC.			
MCELMO CREEK	F17	430371549300S1	Active	14-20-603-4039	NW	NW	12	41S	24E	0740FNL	0500FWL
MCELMO CREEK	G18	430371549400S1	Active	14-20-603-4039	SE	NW	12	41S	24E	1980FNL	1980FWL
MCELMO CREEK	H15	430371549500S1	Active	14-20-603-4039	NW	SE	1	41S	24E	1980FSL	1980FEL
MCELMO CREEK	H17	430371549600S1	Active	14-20-603-4039	NE	NW	12	418	24E	0660FNL	1980FEL
MCELMO CREEK	l18	430371570900S1	Active	14-20-603-4495	SE	NE	12	415	24E	1840FNL	0555FEL
122				A.i.							
MCELMO CREEK	E19	430371634200S1	Shut-in	14-20-603-5449	NE	SE	11_	41S	24E	1980FSL	0660FEL
MCELMO CREEK	G19	430371634600S1	Active	14-20-603-5450	NE	SW	12	415	24E	1350FSL	1800FWL
MCELMO CREEK	120	430371571000S1	Active	14-20-603-5451	SE	SE	12	41S	24E	0990FSL	0500FEL
MCELMO CREEK	N07	430371636200S1	Active	I-149-IND-8839	NE	sw	29	40\$	25E	2083FSL	745FWL
MCELMO CREEK	P07	430371636200S1	Active	I-149-IND-8839	NW	SE	29	40S		1820FSL	2140FEL
				110000014005		NIVA/	20	400	255	2006ENII	1044E\A/I
MCELMO CREEK	010	430371596700S1	Active	NOG99041325	SE	NW	32	1405	25E	2086FNL	1944FWL

Sundry Number: 51402 API Well Number: 43037154950000

	STATE OF UTAH DEPARTMENT OF NATURAL RESOL		FORM 9
1	5.LEASE DESIGNATION AND SERIAL NUMBER: 14-20-603-4039		
SUNDR	RY NOTICES AND REPORT	S ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NAVAJO
	posals to drill new wells, significan reenter plugged wells, or to drill hor n for such proposals.		7.UNIT or CA AGREEMENT NAME: MCELMO CREEK
1. TYPE OF WELL Water Injection Well			8. WELL NAME and NUMBER: NAVAJO 13-2 (MCELMO H-15)
2. NAME OF OPERATOR: RESOLUTE NATURAL RESOU	RCES		9. API NUMBER: 43037154950000
3. ADDRESS OF OPERATOR: 1675 Boradway Ste 1950,	Denver, CO, 80202	PHONE NUMBER: 303 534-4600 Ext	9. FIELD and POOL or WILDCAT: GREATER ANETH
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1980 FSL 1980 FEL			COUNTY: SAN JUAN
QTR/QTR, SECTION, TOWNSH Qtr/Qtr: NWSE Section: (HIP, RANGE, MERIDIAN: 01 Township: 41.0S Range: 24.0E M	eridian: S	STATE: UTAH
11. CHEC	K APPROPRIATE BOXES TO INDIC	CATE NATURE OF NOTICE, REPOR	RT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	✓ ACIDIZE	ALTER CASING	CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME
5/24/2014	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT	DEEPEN	FRACTURE TREAT	☐ NEW CONSTRUCTION
Date of Work Completion:	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK
	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
SPUD REPORT Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON
	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL
☐ DRILLING REPORT	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION
Report Date:	WILDCAT WELL DETERMINATION	OTHER	OTHER:
Resolute Natural Re	COMPLETED OPERATIONS. Clearly sho		
NAME (PLEASE PRINT) Erin Joseph	PHONE NU 303 573-4886	MBER TITLE Sr. Regulatory Analyst	
SIGNATURE		DATE	
N/A		5/22/2014	

Sundry Number: 51402 API Well Number: 43037154950000

RESOLUTE NATURAL RESOURCES

MCU H-15 Injector - Coil Tubing Clean Out & Acidize

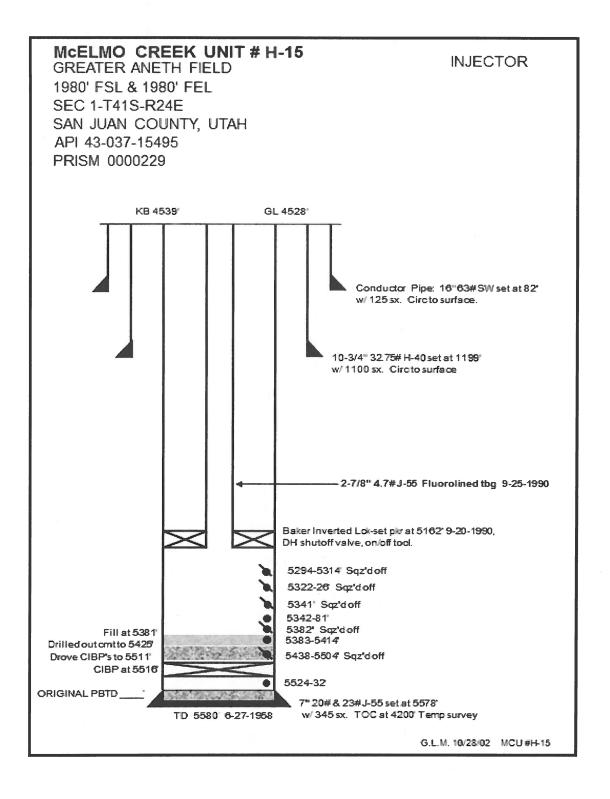
Procedure

- 1. LOTO Injection Lines at wellhead, on main isolation valves, and CP Panel.
- 2. MI spot CTU, pump unit, rig pit, install hard line and choke manifold.
- 3. RU CTU with 1.25 inch coil, 1.25 Vortec washtool.
- 4. Test lubricator and BOP's to 4500 psig.

Minimum ID not included in files but be prepared for 1.72 no-go below the packer at 5162'

- 5. RIH with CTU, establish circulation; clean out fill to PBTD at 5381' KB; Take solids samples for analysis. After reaching PBTD, circ well bore clean.
- 6. Prepare to acidize with 2000 gal inhibited 20% HCl.
- 7. Spot coil at btm perf 5381' & begin acid, move CT up & down thru perfs (top perf 5342') while pumping acid.
- 8. PU to ~5300' and overdisplace acid past btm perf at 5381' by 25 bbls fresh water.
- 9. POOH with coil tubing.
- 10. RD CTU and stimulation equipment. Release equipment.
- 11. Backflow lateral line for cleanup.
- 12. Advise Pierce Benally (435) 619-7234 the well is ready to return to injection.

Sundry Number: 51402 API Well Number: 43037154950000



Sundry Number: 53192 API Well Number: 43037154950000 FEDERAL APPROVAL OF THIS ACTION IS NECESSARY

	STATE OF UTAH DEPARTMENT OF NATURAL RESOUR	0.50	FORM 9
	5.LEASE DESIGNATION AND SERIAL NUMBER: 14-20-603-4039		
SUNDR	RY NOTICES AND REPORTS	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NAVAJO
Do not use this form for procurrent bottom-hole depth, FOR PERMIT TO DRILL form	oposals to drill new wells, significantly reenter plugged wells, or to drill horizon for such proposals.	deepen existing wells below ontal laterals. Use APPLICATION	7.UNIT or CA AGREEMENT NAME: MCELMO CREEK
1. TYPE OF WELL Water Injection Well			8. WELL NAME and NUMBER: NAVAJO 13-2 (MCELMO H-15)
2. NAME OF OPERATOR:			9. API NUMBER:
RESOLUTE NATURAL RESOU	RCES	DUONE NUMBER	43037154950000
3. ADDRESS OF OPERATOR: 1700 Lincoln Street, Suite	2800 , Denver, CO, 80203 4535	PHONE NUMBER: 303 534-4600 Ext	9. FIELD and POOL or WILDCAT: GREATER ANETH
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1980 FSL 1980 FEL			COUNTY: SAN JUAN
QTR/QTR, SECTION, TOWNSH Qtr/Qtr: NWSE Section: (HIP, RANGE, MERIDIAN: 01 Township: 41.0S Range: 24.0E Meri	idian: S	STATE: UTAH
11. CHEC	K APPROPRIATE BOXES TO INDICA	ATE NATURE OF NOTICE, REPOR	RT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	✓ ACIDIZE	ALTER CASING	CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME
	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	NEW CONSTRUCTION
5/29/2014	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK
SPUD REPORT	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON
_	TUBING REPAIR	☐ VENT OR FLARE	WATER DISPOSAL
DRILLING REPORT Report Date:	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION
	WILDCAT WELL DETERMINATION	OTHER	OTHER:
12 DESCRIBE BRODOSED OR	COMPLETED OPERATIONS. Clearly show	all portinent details including dates	Nonths valumes ato
Resolute Natural Re	esources is submitting this sacidizing of the above well according to previously sub	sundry as notice that the was completed on	Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY August 07, 2014
NAME (PLEASE PRINT) Erin Joseph	PHONE NUMI 303 573-4886	BER TITLE Sr. Regulatory Analyst	
SIGNATURE N/A		DATE 7/10/2014	

RECEIVED: Jul. 10, 2014